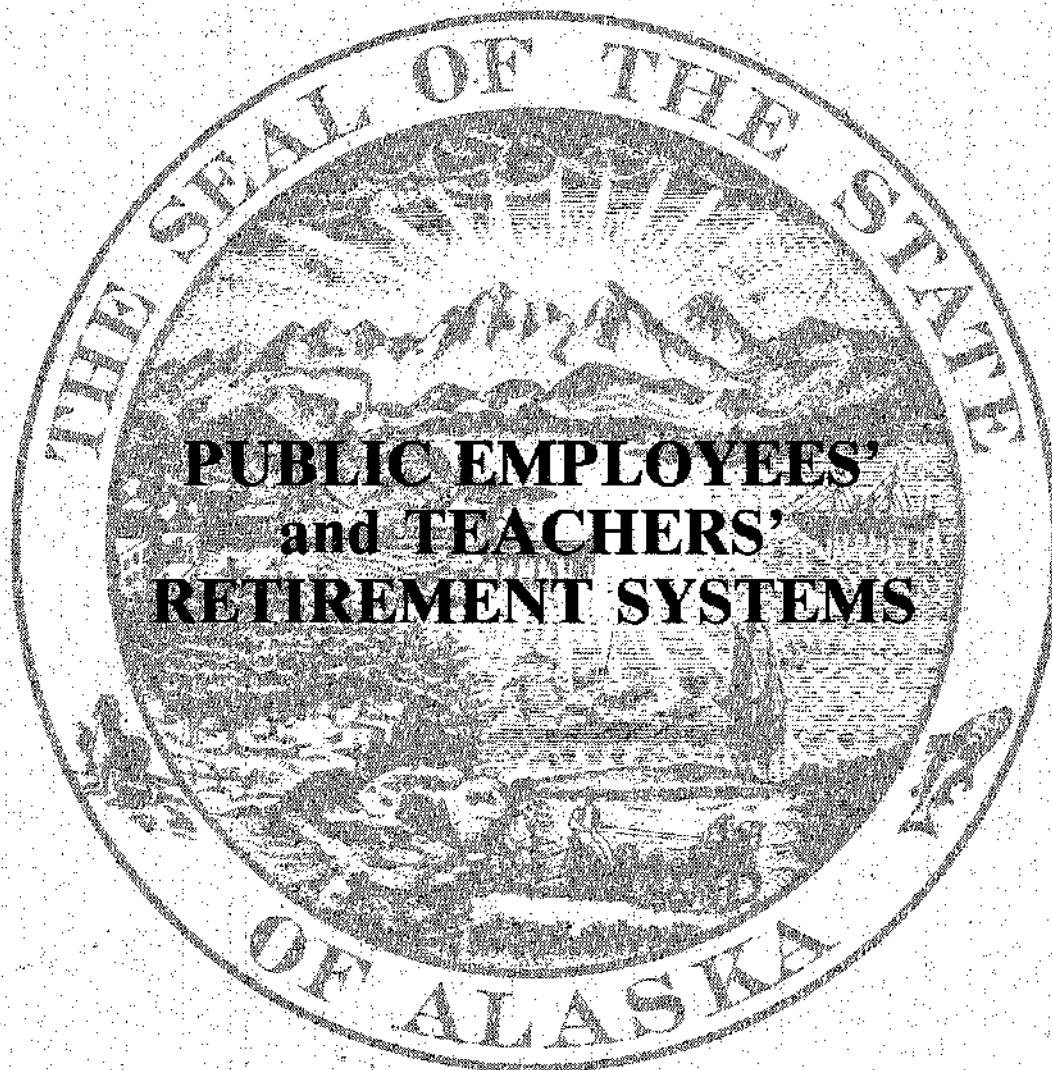


STATE OF ALASKA



BILL SHEFFIELD

Governor

ANNUAL FINANCIAL REPORT

Fiscal Year Ended June 30, 1983

STATE OF ALASKA
PUBLIC EMPLOYEES' RETIREMENT FUND
TEACHERS' RETIREMENT FUND
Fiscal Year 1983

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STATE OF ALASKA

DEPARTMENT OF ADMINISTRATION

OFFICE OF THE COMMISSIONER

BILL SHEFFIELD, GOVERNOR

POUCH C (MS 0200)
JUNEAU, ALASKA 99811
PHONE: (907) 465-2200

November 30, 1983

The Honorable Bill Sheffield
Governor of Alaska
Pouch A
Juneau, AK 99811

Dear Governor Sheffield:

It is my pleasure to submit to you the Annual Report of the Alaska Public Employees' Retirement System (PERS) and Teachers' Retirement System (TRS). This report shows the financial condition of both the PERS and TRS funds as of June 30, 1983. It has been prepared on the basis of standards set forth by the National Council on Governmental Accounting and is submitted in accordance with the requirements of Alaska Statutes 39.35.020(5) (PERS) and 14.25.030(4) (TRS).

Yours sincerely,



Lisa Rudd
Commissioner

STATE OF ALASKA

DEPARTMENT OF ADMINISTRATION

DIVISION OF RETIREMENT & BENEFITS

POUCH CR

JUNEAU, ALASKA 99811

(907) 465-4460

Public Employees Retirement System
Teachers' Retirement System
Judicial Retirement System
Elected Public Officers Retirement System
National Guard Retirement System
Territorial Retirement System
Retirees' Voluntary Dental-Vision-Audio Plan
Supplemental Benefits System
Group Health/Life Insurance Benefits
Deferred Compensation Plan
Public Employers Social Security Contributions

Bill Sheffield, Governor

November 30, 1983

Commissioner Lisa Rudd
Department of Administration
Pouch C
Juneau, AK 99811

Dear Commissioner Rudd:

I am pleased to submit to you the Annual Report of the Public Employees' (PERS) and Teachers' (TRS) Retirement Systems. The information presented in this report shows the results of operations and the financial condition of the two retirement funds for the fiscal year ending June 30, 1983. The financial statements in this report are presented on the accrual basis of accounting in accordance with the Financial Accounting Standards Board, Standard No. 35.

The report contains the financial statements and audit report from the Professional Accounting firm of Price Waterhouse and excerpts from the most recent available actuarial valuations prepared by the systems' actuary, William M. Mercer. Also included are the fiscal year investment comments from the Division of Treasury, Department of Revenue, which is charged with the management of the retirement funds.

Assets of the PERS fund totalled \$837,559,616 as of June 30, 1983, an impressive increase of 37.5 percent over the previous year. Assets of the TRS fund totalled \$591,382,600 as of June 30, 1983, also an impressive 33.3 percent increase over the previous year. The graphs presented on pages 33-34 (PERS) and pages 59-60 (TRS) demonstrate the increases in total assets and benefits paid in recent years. Additional information for the fiscal years ending June 30, 1981, through June 30, 1983, is provided in the following table:

	FY 1983		FY 1982		FY 1981	
	<u>PERS</u>	<u>TRS</u>	<u>PERS</u>	<u>TRS</u>	<u>PERS</u>	<u>TRS</u>
Number of participating employers	92	59	90	61	87	61
Number of participating members	24,756	8,221	23,318	7,822	21,565	7,437

	FY 1983		FY 1982		FY 1981	
	<u>PERS</u>	<u>TRS</u>	<u>PERS</u>	<u>TRS</u>	<u>PERS</u>	<u>TRS</u>
Number of retired members	3,478	1,596	3,075	1,485	2,767	1,380
Average Annual Retirement Benefit	\$8,166	\$15,071	\$7,825	\$14,274	\$7,123	\$13,343
Average Annual Medical Benefit	\$1,306	\$ 1,445	\$1,097	\$ 1,133	\$1,118	\$ 1,152

The fall 1982 meetings of the PERS and TRS Boards were held in Kodiak and the spring 1983 meetings were held in Juneau. The annual actuarial valuations were presented and approved at the spring meetings. The Boards also approved new employer contribution rates.

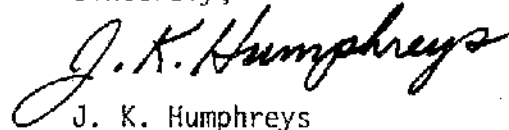
As you know, no legislation was passed during the 1983 legislative session affecting the TRS and only one law (Chap. 27, SLA 1983) was passed affecting the PERS. The new law removed peace officer status under the PERS for future employees of the Department of Fish & Game and gave all peace officers/firemen in the system the opportunity to terminate their peace officer/fireman coverage. During the 1984 legislative session we hope to see legislation developed which will place the granting of post retirement pension adjustments (PRPA's) to PERS and TRS benefit recipients on an actuarially funded basis. We hope to include cost saving measures in the bill to substantially offset the cost of the PRPA provisions.

During the past year, we have reviewed and updated the general design document for the Combined Retirement data processing system. The time spent streamlining this document will help us develop a workable and affordable system. In FY 85 we are requesting a capital improvement appropriation to provide the necessary funds to complete the Combined Retirement data processing system. If additional funds are not appropriated, we will continue our efforts with the current capital funds available, however, there are insufficient funds to provide an adequate new system.

November 30, 1983

This report will be mailed to all employer members of the Public Employees' and Teachers' Retirement Systems. Needless to say, the cooperation of member employers is essential to the successful operation of the systems.

Sincerely,

A handwritten signature in cursive script that reads "J. K. Humphreys". The signature is written in dark ink and is positioned above the printed name and title.

J. K. Humphreys
Director

STATE OF ALASKA

DEPARTMENT OF REVENUE

TREASURY DIVISION

BILL SHEFFIELD, GOVERNOR

ELEVENTH FLOOR
STATE OFFICE BUILDING
POUCH SB
JUNEAU, ALASKA 99811
PHONE:

November 25, 1983

To the Reader:

During the first half of the 1982-83 fiscal year the economic recession continued to worsen. Industrial production and business profits declined, real national income growth remained negative, unemployment increased and inflation rates subsided. That recession ended in the first quarter of 1983 with the beginning of an economic recovery. By the end of the fiscal year in June, 1983, the exceptionally strong economic advances had more than offset the earlier declines. From the second quarter of 1982 to the second quarter of 1983 the real gross national product increased by 3.4%, industrial production rose by 4.7%, consumption expenditures grew by 8.9% and deposits at financial institutions increased by 9.4%.

Just after the start of the fiscal year interest rates began dropping rapidly in response to the Federal Reserve's shift to a policy of monetary ease. The falling interest rates and the anticipation of a near term recovery both in economic activity and in corporate profits led to a sharp increase in stock market prices. The substantial rise in both stock and bond prices greatly increased the retirement systems' investment returns. The realized income yield on the combined portfolios' average cost of investments rose to 12.56%, as compared to 8.67% in the previous year. If the unrealized increase in market values is included with the income, then the yield on the portfolios' average market value rose to 21.03%, as compared to the former year's 7.25%. The unusually large investment returns added \$238 million to the market value of the combined system's investments, substantially exceeding the \$138 million of net contributions added during the year.

Although economic activity will probably continue rising during the remainder of the current fiscal year, we do not expect to see a similar movement in financial market prices. Consequently, the yield on the combined portfolios for this fiscal year will probably not vary greatly from the current income yield.

Sincerely,



Milt Barker
Deputy Commissioner

STATE OF ALASKA

 RETIREMENT FUNDS
 Combined Balance Sheet
 June 30, 1983
 (In Thousands)

<u>ASSETS</u>	<u>Total</u>	<u>Public Employees' Retirement Fund</u>	<u>Teachers' Retirement Fund</u>
Cash	\$ 5,621	\$ 3,207	\$ 2,414
Certificates of Deposit and Other Short-Term Investments	52,708	32,358	20,350
Investment Securities:			
United States Government	635,665	407,784	227,881
Other	46,380	25,884	20,496
Gold	14,181		14,181
Common Stock	177,593	89,278	88,315
Convertible Stock	2,461	595	1,866
Real Estate Equity Fund	66,041	36,449	29,592
Real Estate Mortgages and SBA Loans in Alaska	398,790	228,948	169,842
Contributions Receivable	15,047	3,946	11,101
Investment Income Receivable	20,307	12,444	7,863
 Total Assets	 1,434,794	 840,893	 593,901
 <u>LIABILITIES</u>			
Accrued Expenses	5,852	3,333	2,519
 Net Assets	 \$ 1,428,942	 \$ 837,560	 \$ 591,382
<u>EQUITIES AND RESERVES</u>			
Equities:			
Employees' Equities	\$ 323,738	\$ 150,625	\$ 173,113
Employers' Equities	693,747	398,373	295,374
 Total Equities	 1,017,485	 548,998	 468,487
 Retirement Reserve	 411,457	 288,562	 122,895
 Total Equities and Reserves	 \$ 1,428,942	 \$ 837,560	 \$ 591,382

STATE OF ALASKA

PUBLIC EMPLOYEES'
RETIREMENT
FUND

BOARD MEMBERS

<u>Name</u>	<u>Term Expires</u>
C. R. "Steve" Hafling, Chairman	July 20, 1984
Vacant	
Ben Humphries	June 20, 1988
Morgan W. Reed	June 20, 1986
James P. Wellington	March 6, 1984



101 WEST SENSON BOULEVARD
ANCHORAGE, ALASKA 99503
907 279-1424

October 10, 1983

Mr. J. K. Humphreys, Director
Division of Retirement and Benefits
and
Members of the Public Employees' Retirement Board
Alaska Public Employees' Retirement System

In our opinion, the accompanying statements of net assets available for benefits and of changes in net assets available for benefits present fairly the financial position of the Alaska Public Employees' Retirement System at June 30, 1983 and 1982 and its changes in net assets available for benefits for the years then ended, in conformity with generally accepted accounting principles consistently applied. Our examinations of these statements were made in accordance with generally accepted auditing standards and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

Price Waterhouse

ALASKA PUBLIC EMPLOYEES' RETIREMENT SYSTEM
STATEMENT OF NET ASSETS AVAILABLE FOR BENEFITS

JUNE 30, 1983 AND 1982

(In Thousands)

<u>ASSETS</u>	<u>1983</u>	<u>1982</u>
Cash	\$ 3,207	\$ 309
Certificates of deposit and other short-term investments, at market value (cost - \$32,358 and \$94,829)	32,358	95,969
Investment securities:		
United States securities, at market value (cost - \$426,059 and \$215,412)	407,784	180,794
Other bonds, notes and debentures, at market value (cost - \$32,405 and \$30,435)	25,884	19,030
Gold committed on futures contracts, at market value (cost - \$25,055)		22,103
Common stocks, at market value (cost - \$62,158 and \$47,177)	89,278	44,618
Convertible issues, at market value (cost - \$495 and \$534)	595	375
Real estate equity fund, at estimated market value (cost - \$34,672 and \$32,218)	36,449	33,873
Loans and mortgages, at cost	228,948	201,544
Contributions receivable	3,946	3,790
Investment income receivable	12,444	7,557
Other receivables		100
	<u>840,893</u>	<u>610,062</u>
 <u>LIABILITIES</u>		
Accrued expenses	<u>3,333</u>	<u>958</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u>\$837,560</u>	<u>\$609,104</u>

See accompanying notes to financial statements

ALASKA PUBLIC EMPLOYEES' RETIREMENT SYSTEM
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
YEARS ENDED JUNE 30, 1983 AND 1982
(In Thousands)

	<u>1983</u>	<u>1982</u>
Net assets available for benefits, Beginning of year	<u>\$609,104</u>	<u>\$493,075</u>
Unrealized increase (decrease) in market value of investments held at year end, net	<u>53,099</u>	<u>(16,725)</u>
Additions:		
Employee contributions	32,595	28,918
Employer contributions	99,727	88,332
Investment income	85,609	51,409
Interest on members' indebtedness	<u>393</u>	<u>348</u>
	<u>218,324</u>	<u>169,007</u>
Deductions:		
Medical benefits	4,541	3,375
Retirement benefits paid	28,401	24,062
Refunds to terminated members	7,683	7,205
Administrative expenses	<u>2,342</u>	<u>1,611</u>
	<u>42,967</u>	<u>36,253</u>
NET ASSETS AVAILABLE FOR BENEFITS, END OF YEAR	<u>\$837,560</u>	<u>\$609,104</u>

See accompanying notes to financial statements.

ALASKA PUBLIC EMPLOYEES' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 1983 AND 1982

NOTE 1 - ACCOUNTING ENTITY:

The Alaska Public Employees' Retirement System is a joint-contributory system created by Alaska statutes effective January 1, 1961. The System was established to encourage qualified personnel to enter and remain in the service of the State, political subdivision or public organization of the State. Inclusion in the System is a condition of employment for State of Alaska employees except as otherwise provided for an elected officer. A municipality or other political subdivision of the State may request to become an employer in this system. The Alaska Public Employees' Retirement System - Statutes, July 1, 1982 pamphlet details the benefits available and the eligibility requirements. Some of the more significant provisions are as follows:

Employee Contributions -

Contributions from employees are controlled by statute. Peace officers and firemen contribute 5% of their compensation. The contributions are deducted from each member's salary and are remitted to the System by the employer. All other employees contribute 4 1/4% of their compensation. Any employee may voluntarily contribute up to an additional 5% of their compensation. Such contributions are also deducted from the member's salary and are remitted to the system by the employer.

Employer Contributions -

Employer contributions are determined by actuarial formula on an annual basis. Current formulas are estimated to be sufficient to fund current service cost and to fund past service cost for a period of 25 years.

Types of Benefits -

The types of benefits provided to members include normal retirement benefits, disability pension benefits, cost of living allowance, major medical insurance benefits, death benefits, and other benefits. In addition, members may withdraw their contributions, plus accrued interest, upon termination of eligible employment and may withdraw voluntary contributions, plus accrued interest, with the consent of the administrator.

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES:

Basis of Accounting -

The System maintains its accounting records on the cash basis of accounting with conversion to accrual for financial statement presentation.

Investments -

Security investments, other than real estate equity fund and loans and mortgages, are carried at market value to reflect the asset values of the System as determined by the last quoted sales price at June 30, 1983 and 1982. Investment income consists of interest, dividends and gains or losses generated by the sale of investments.

Loans and mortgages are serviced by the institution from which the loan is purchased. The policy of the System is to hold these investments until maturity and accordingly no market value has been determined. Loans and mortgages are stated at cost and include approximately \$1,666,000 and \$2,573,000 in Other Real Estate Owned (OREO) for 1983 and 1982, respectively. OREO's represent properties on which the System has foreclosed and is holding with the intent to resell.

The investment in gold for the year ended June 30, 1982 consisted of 40,867.368 fine troy ounces which were hedged through three gold bullion sales contract agreements.

Real estate equity funds are stated at estimated market value as determined by the independent management of the investment accounts. These investments do not have a readily available market and generally represent long-term investments.

Contributions Receivable -

Contributions from employees and employers for service through June 30 are accrued. These contributions are considered fully collectible and accordingly no allowance for uncollectible receivables is considered necessary.

Investment Income Receivable -

Investment income receivable represents amounts earned but not yet received as of June 30. These amounts are considered fully collectible and accordingly no allowance for uncollectible receivables is considered necessary.

Reclassifications -

Certain items in the 1982 financial statements have been reclassified to conform with current classifications. Such reclassifications have no effect on previously reported net assets available for benefits.

NOTE 3 - ACTUARIAL DETERMINATION:

The System's consulting actuary, William M. Mercer, Incorporated, estimated the present value of accrued benefits to be approximately \$775,115,000 at June 30, 1982.

Contributions to the System are based upon recommendations from the actuary utilizing the actuarial cost method described below.

Significant assumptions underlying the June 30, 1982 determinations are as follows:

Actuarial cost method	Attained age normal, also known as aggregate method with supplemental liability, unfunded accrued benefit liability amortized over 25 years.
Mortality basis	1971 Group Annuity Mortality Table.
Retirement age	The earlier of age 62 and 15 years of service, but not prior to age 57 for "other" members. Police and fire members are assumed to retire at the earlier of 22 years of service or attainment of age 55.
Interest rate	Eight percent per annum, compounded annually, net of investment expenses.
Salary scale	Increase of eight percent per annum for the first five years of employment and seven percent per year thereafter.
Cost of living allowance (Domiciled in Alaska)	Sixty percent of those receiving benefits will be eligible to receive the cost of living allowance.

Contribution refunds

One hundred percent of those terminating after age 35 with five or more years of service will leave their contributions and thereby retain their deferred vested benefit. All others who terminate are assumed to have their contributions refunded.

Asset valuation

Three-year average ratio between market and cost values of the System's assets.

Turnover and disability assumptions are based upon actual historical occurrence rates of the System.

NOTE 4 - CONVERSION TO ACCRUAL ACCOUNTING AND MARKET VALUATION OF CERTAIN SECURITIES:

The effects of the accrual and market adjustments are as follows:

	(In Thousands)	
	<u>1983</u>	<u>1982</u>
Net assets available for benefits, cash basis at June 30	\$820,065	\$646,760
Adjustments to reflect conversion to accrual basis of accounting:		
Amortization of discount	238	754
Accrued contributions	3,946	3,790
Accrued investment income	12,444	7,557
Other receivable		100
Accrued refunds payable and certain other expenses	(3,333)	(958)
Adjustments to reflect change in market value of assets	<u>4,200</u>	<u>(48,899)</u>
Net assets available for benefits at June 30, as presented in the accompanying financial statements	<u>\$837,560</u>	<u>\$609,104</u>

NOTE 5 - PROPOSED CHANGES TO FINANCIAL STATEMENT PRESENTATION:

The Financial Accounting Standards Board has issued an exposure draft amendment to Statement of Financial Accounting Standards No. 35, "Accounting and Reporting by Defined Benefit Pension Plans", to further defer the applicability of that statement to plan years beginning after June 15, 1985 for plans

sponsored by state and local governments. The effect of complying with Statement No. 35 would be to present all assets at fair value. It is the present policy of the System to present all investments at market value except loans and mortgages which are presented at cost.

Further, the National Council on Governmental Accounting (NCGA) has issued NCGA Statement No. 6, "Pension Accounting and Financial Reporting: Public Employee Retirement Systems (PERS) and State and Local Government Employer Entities". The effective date of this statement has been deferred to years ending after December 31, 1983. Statement No. 6 calls for financial presentations including: 1) investments at cost or amortized cost with parenthetical disclosure of market value; 2) current liabilities; 3) the actuarial present value of credited projected benefits; and 4) the unfunded actuarial present value of credited projected benefits.

The ultimate jurisdictional authority regarding the application of these pronouncements has not been determined.

NOTE 6 - CONTINGENT LIABILITY:

The Alaska Public Employee's Retirement System (System) is a party to an action challenging the State's practice of making actuarial adjustments in early retirement calculation factors. If the actuarial adjustment at issue is ultimately rejected, the unfunded liability of the System may increase by approximately \$50,000,000. It is the opinion of the State Office of the Attorney General that the likelihood of the System prevailing in the litigation is quite strong.

Benefit Services / Consulting Actuaries

SUMMARY

We have completed a valuation of the Alaska Public Employees' Retirement System as of June 30, 1982. The principal results of the actuarial valuation are presented in this summary and analysis; the three sections which follow are meant to provide the necessary supporting details.

Section 1 presents the fundamental information on which the valuation was based. Included is a summary of plan provisions, information about plan participants, and disclosure of the actuarial method and assumptions used.

Section 2 presents the detailed actuarial valuation results for State and all political subdivisions which are in PERS. Its subsections present a step-by-step derivation of the recommended contribution.

Section 3 presents the detailed valuation results for the State alone.

The purposes of an actuarial valuation are:

1. To examine the status of funding of the Plan, and
2. To determine the contribution rates for the State
for each political subdivision in the System.

The most significant results of the valuation are as follows:

	<u>6-30-81</u>	<u>6-30-82</u>
(1) Status of Funding		
(a) Valuation Assets	\$493,130,953	\$613,653,351
(b) Present Value of Accrued Benefits	600,736,308	775,115,497
(c) Accrued Benefit Funding Ratio	82.1%	79.2%
(2) Contributions For Fiscal Year	<u>1984</u>	<u>1985</u>
(a) Consolidated Rate	12.03%	11.36%
(b) Average Past Service Rate	1.65%	2.26%
(c) Average Total Contribution Rate	13.68%	13.62%

In preparing this valuation, we have employed generally accepted actuarial methods and assumptions, in conjunction with employee data provided to us, to determine a sound value for the Plan liabilities.

I certify that, to the best of my knowledge and belief, the attached statements are true and correct.

Respectfully submitted,

Robert F. Richardson

Robert F. Richardson, ASA
Principal

RFR:js

December 22, 1982

1.6 ACTUARIAL METHOD AND ASSUMPTIONS

Valuation of Liabilities

- A. Actuarial Method - Attained Age Normal, also known as Aggregate Method with Supplemental Liability. The unfunded accrued benefit liability is amortized over 25 years.
- B. Actuarial Assumptions -
1. Interest 8% per year, compounded annually, net of investment expenses.
 2. Salary Scale 8% per year for the first 5 years of employment and 7% per year thereafter.
 3. Health Cost Inflation 8% per year.
 4. Mortality 1971 Group Annuity Mortality Table.
 5. Turnover Based upon the 1980-81 actual total turnover experience. (See Table 1).
 6. Disability Incidence rates in accordance with Table 2. Post-disability mortality in accordance with rates published by the Pension Benefit Guaranty Corporation to reflect mortality of those receiving disability benefits under Social Security. 94% of the disabilities are assumed to be occupational for police and fire; 28% for others.
 7. Retirement Age The earlier of age 62 and 15 years of service, but not prior to age 57 for "other" members. Police and fire members are assumed to retire at the earlier of 22 years of service or attainment of age 55.
 8. Spouse's Age Wives are assumed to be four years younger than husbands.
 9. Contribution Refunds 100% of those terminating after age 35 with 5 or more years of service will leave their contributions and thereby retain their deferred vested benefit. All others who terminate are assumed to have their contributions refunded.

- | | |
|--------------|--|
| 10. C.O.L.A. | 60% of those receiving retirement benefits will be eligible for C.O.L.A. |
| 11. Expenses | No loading for expenses. |

Valuation of Assets

Based upon the three-year average ratio between market and cost values of the System's assets. Assets are accounted for on an accrued basis.

Valuation of Medical Benefits

Medical benefits for retirees are provided by the payment of premiums from the trust fund. A pre-65 cost and lower post-65 cost (due to Medicare) were assumed such that the total rate for all retirees equals the present premium rate. These medical premiums are then increased with the health inflation assumption. The actuarial cost method used for funding health benefits is the same method used to fund retirement benefits. Health benefits are assumed to be fully accrued once a member becomes vested.

TABLE 1

William M. Mercer, Incorporated

EMPLOYEE TURNOVER ASSUMPTIONS

Select Rates of Turnover During the First 4 Years of Employment		Ultimate Rates of Turnover After 4 Years of Employment		
<u>Year of Employment</u>	<u>Police & Fire</u>	<u>Police & Fire</u>	<u>Attained Age</u>	<u>"Other"</u>
1	.11	.2000	20	.2500
2	.15	.2000	21	.2500
3	.13	.2000	22	.2500
4	.10	.2000	23	.2500
		.2000	24	.2500
		.2000	25	.2500
		.1760	26	.2200
<u>Year of Employment</u>	<u>"Other" Males</u>	.1520	27	.1900
		.1280	28	.1600
1	.30	.1040	29	.1300
2	.28	.0800	30	.1000
3	.26			
4	.18	.0760	31	.0950
		.0720	32	.0900
		.0700	33	.0875
		.0680	34	.0850
		.0680	35	.0850
<u>Year of Employment</u>	<u>"Other" Females</u>	.0680	36	.0850
1	.40	.0660	37	.0825
2	.35	.0640	38	.0800
3	.28	.0640	39	.0800
4	.20	.0640	40	.0800
		.0620	41	.0775
		.0600	42	.0750
		.0600	43	.0750
		.0600	44	.0750
		.0580	45	.0725
		.0560	46	.0700
		.0560	47	.0700
		.0540	48	.0675
		.0520	49	.0650
		.0480	50	.0600
		.0400	51	.0500
		.0400	52	.0500
		.0400	53	.0500
		.0400	54	.0500
		.0400	55	.0500
		.0400	56	.0500
		.0400	57	.0500
		.0400	58	.0500
		.0400	59	.0500
		.0240	60 & Up	.0300

TABLE 2

Disability RatesAnnual Rates Per 1,000 Employees

<u>Age</u>	<u>Police & Fire Rate</u>	<u>"Other" Member Rate</u>
20	1.93	.60
21	1.95	.60
22	1.98	.61
23	2.01	.62
24	2.04	.63
25	2.06	.64
26	2.09	.65
27	2.15	.66
28	2.20	.68
29	2.26	.70
30	2.31	.71
31	2.37	.73
32	2.42	.75
33	2.48	.77
34	2.56	.79
35	2.64	.82
36	2.72	.84
37	2.83	.88
38	2.94	.91
39	3.05	.94
40	3.16	.98
41	3.30	1.02
42	3.49	1.08
43	3.74	1.16
44	4.07	1.26
45	4.46	1.38
46	4.84	1.50
47	5.25	1.62
48	5.69	1.76
49	6.13	1.90
50	6.60	2.04
51	7.15	2.21
52	7.87	2.43
53	8.75	2.70
54	9.76	3.02
55	11.00	3.40
56	12.62	3.90
57	14.69	4.54
58	16.78	5.19
59	19.80	6.12

2.5(c) DEVELOPMENT OF AVERAGE

EMPLOYER CONTRIBUTION RATE - FY85

ALL MEMBERS

TOTAL SYSTEM

Consolidated Rate

(1) Present Value of Fully Projected Benefits	\$1,549,637,200
(2) Present Value of Accrued Benefits	775,115,497
(3) Current Member Arrearages	15,333,217
(4) Present Value of Future Consolidated Employer Contributions (1) - (2) - (3)	759,188,486
(5) Present Value of Future Salaries	4,839,911,008
(6) Normal Cost Rate for All Members (4) ÷ (5)	15.69%
(7) Average Member Contribution Rate	4.33%
(8) Consolidated Rate (6) - (7)	11.36%

Past Service Rate

(1) Present Value of Accrued Benefits	\$ 775,115,497
(2) Valuation Assets	613,653,351
(3) Total Unfunded Liability	161,462,146
(4) 25-Year Amortization Factor	11.528758
(5) Past Service Payment	14,005,164
(6) Total Salaries	620,944,352
(7) Past Service Rate	2.26%
<u>Total Employer Contribution Rate</u>	13.62%

STATE OF ALASKA
PUBLIC EMPLOYEES' RETIREMENT FUND
Comparative Statement of Operations

	FISCAL YEAR ENDED	
	June 30, 1983	June 30, 1982
Beginning Equities & Reserves	609,103,807	493,075,440
Additions:		
Employees' Contributions		
Alaska Commercial Bank		20,585
Alaska Housing Finance Corporation	58,835	42,770
Alaska Municipal League	4,560	4,618
Alaska State Housing Authority	119,302	
Alaska, State of	18,360,886	16,515,404
Alaska, University of	2,242,925	1,940,873
Alaska, University of, Geophysical Inst.	146,052	141,857
Alaska Unorganized Borough Schools	(1,293)	(2,871)
Aleutian Region School District	12,692	11,056
Anchorage, Municipality of	2,894,131	2,664,247
Anchorage School District	1,332,031	1,176,505
Annette Island School District	14,829	12,862
Bering Straits School District	60,754	50,839
Bethel, City of	20,992	16,512
Bristol Bay Borough	17,257	15,129
Bristol Bay Borough School District	13,661	18,674
Bristol Bay Regional Resource Center	(124)	886
Chatham School District	10,487	8,433
Chugach Regional School District	4,450	4,182
Copper River School District	33,390	19,544
Cordova, City of	57,557	43,899
Cordova Community Hospital	27,925	24,853
Cordova Public Schools	15,115	13,495
Craig, City of	8,960	3,953
Dillingham, City of	46,660	41,935
Fairbanks, City of	475,994	445,094
Fairbanks Public Utilities	258,589	251,970
Fairbanks North Star Borough	296,965	260,180
Fairbanks North Star Borough School District	497,286	406,147
Fort Yukon, City of	12,487	17,814
Galena, City of	(3,860)	
Galena City Schools	12,792	12,597
Haines Borough	6,858	2,002
Haines, City of	20,697	17,645
Hoonah City Schools	11,281	
Hydaburg City School District	4,921	12,459
Iditarod Area Schools	40,685	31,800
Juneau Borough School District	101,993	118,040

STATE OF ALASKA
PUBLIC EMPLOYEES' RETIREMENT FUND
Comparative Statement of Operations

	FISCAL YEAR ENDED	
	June 30, 1983	June 30, 1982
Additions - Continued		
Employees' Contributions - Continued		
Juneau, City and Borough of	666,983	603,918
Kenai, City of	111,862	109,423
Kenai Peninsula Borough	218,953	163,035
Kenai Peninsula Borough School District	209,549	188,838
Ketchikan, City of	164,193	150,185
Ketchikan Gateway Borough	49,543	34,667
Ketchikan Gateway Borough School District	28,613	21,718
King Cove, City of	12,683	7,583
King Cove City School District	7,899	7,313
Kodiak, City of	145,713	141,193
Kodiak Island Borough	56,281	38,682
Kodiak Island Borough School District	114,654	105,358
Kotzebue, City of	47,367	42,509
Kuspuk School District	27,627	28,983
Lake & Peninsula School District	37,925	29,015
Lower Kuskokwim School District	263,247	188,756
Lower Yukon School District	96,579	83,591
Matanuska-Susitna Borough	161,816	118,090
Matanuska-Susitna Borough School District	213,156	157,151
Nenana, City of	9,625	8,656
Nenana City Schools	5,977	5,361
Nome, City of	29,498	30,756
Nome City Schools	36,359	33,884
Nome Joint Utilities	30,329	21,087
North Pacific Fisheries Mgt. Council	13,085	15,357
North Pole, City of	41,954	23,813
North Slope Borough	1,089,883	836,704
North Slope Borough School District	122,093	168,640
Northwest Arctic School District	176,931	168,073
Palmer, City of	47,934	28,876
Petersburg, City of	73,069	69,816
Petersburg General Hospital	26,918	21,787
Pribilof Region School District	10,344	13,758
Railbelt School District	22,861	22,120
Saint Paul, City of	12,415	7,014
Sand Point, City of	9,900	9,089
Sand Point City School District	4,496	3,790
Seward, City of	93,595	69,970
Sitka, City of	137,200	131,775
Sitka Community Hospital	52,242	28,282
Sitka Borough School District	49,259	51,170

STATE OF ALASKA
PUBLIC EMPLOYEES' RETIREMENT FUND
Comparative Statement of Operations

	<u>FISCAL YEAR ENDED</u>	
	<u>June 30, 1983</u>	<u>June 30, 1982</u>
Additions - Continued		
Employees' Contributions - Continued		
Skagway, City of	2,258	21,228
Soldotna, City of	27,406	18,938
South Central Regional Resource Center		611
Southeast Island School District	13,094	15,667
Southeast Regional Resource Center	32,624	25,878
Southwest Region Schools	54,104	45,422
Tanana, City of	17,833	636
Tanana City School District	3,207	
Terminated Employers	26,815	
Unalaska, City of	83,176	92,451
Valdez, City of	152,173	154,200
Valdez City Schools	65,234	57,597
Wasilla, City of	8,707	8,637
Western Regional Resource Center	1,301	1,571
Wrangell, City of	53,314	40,479
Wrangell City Schools	11,802	9,540
Yukon Flats School District	32,483	21,932
Yukon Koyukuk School District	39,341	47,649
Total Employees' Contributions	32,594,208	28,918,210

STATE OF ALASKA
PUBLIC EMPLOYEES' RETIREMENT FUND
Comparative Statement of Operations

	<u>FISCAL YEAR ENDED</u>	
	<u>June 30, 1983</u>	<u>June 30, 1982</u>
Additions - Continued		
Employers' Contributions		
Alaska Commercial Bank		57,400
Alaska Housing Finance Corporation	162,407	136,884
Alaska Municipal League	29,535	27,819
Alaska State Housing Authority	401,895	
Alaska, State of	57,078,494	51,352,344
Alaska, University of	6,124,342	5,353,130
Alaska, University of, Geophysical Inst.	381,919	367,096
Alaska Unorganized Borough Schools		
Aleutian Region School District	31,532	27,125
Anchorage, Municipality of	10,199,398	9,013,715
Anchorage School District	4,208,851	3,923,529
Annette Island School District	38,167	30,657
Bering Straits School District	172,400	162,796
Bethel, City of	50,887	39,047
Bristol Bay Borough	46,506	39,056
Bristol Bay Borough School District	47,995	43,409
Bristol Bay Regional Resource Center	(319)	1,875
Chatham School District	23,942	19,306
Chugach Regional School District	3,506	3,975
Copper River School District	68,485	64,679
Cordova, City of	197,768	169,105
Cordova Community Hospital	68,632	70,621
Cordova Public Schools	65,972	58,901
Craig, City of	27,444	11,668
Dillingham, City of	74,198	58,900
Fairbanks, City of	1,715,568	1,567,339
Fairbanks Public Utilities	969,932	910,135
Fairbanks North Star Borough	868,599	714,568
Fairbanks North Star Borough School District	1,332,021	1,128,163
Fort Yukon, City of	25,245	25,566
Galena, City of	21,058	
Galena City Schools	32,747	32,248
Haines Borough	3,966	9,092
Haines, City of	55,260	49,620
Hoonah City Schools	37,584	41,592
Hydaburg City School District	13,239	
Iditarod Area Schools	91,563	74,290
Juneau Borough School District	378,306	349,253

STATE OF ALASKA
PUBLIC EMPLOYEES' RETIREMENT FUND
Comparative Statement of Operations

FISCAL YEAR ENDED
June 30, 1983 June 30, 1982

Additions - Continued

Employers' Contributions - Continued

Juneau, City and Borough of	1,608,414	1,443,345
Kenai, City of	255,149	226,262
Kenai Peninsula Borough	615,814	473,802
Kenai Peninsula Borough School District	827,414	761,380
Ketchikan, City of	652,095	607,229
Ketchikan Gateway Borough	151,061	109,739
Ketchikan Gateway Borough School District	84,058	33,604
King Cove, City of	27,879	16,546
King Cove City School District	23,367	17,476
Kodiak, City of	475,426	473,174
Kodiak Island Borough	161,094	114,134
Kodiak Island Borough School District	355,686	325,565
Kotzebue, City of	111,987	77,399
Kuspuk School District	73,181	67,572
Lake & Peninsula School District	99,045	98,645
Lower Kuskokwim School District	666,847	456,662
Lower Yukon School District	264,184	223,483
Matanuska-Susitna Borough	410,800	308,258
Matanuska-Susitna Borough School District	589,212	444,877
Nenana, City of	34,591	26,354
Nenana City Schools	18,382	16,484
Nome, City of	174,676	95,497
Nome City Schools	120,658	111,606
Nome Joint Utilities	56,798	41,632
North Pacific Fisheries Mgt. Council	44,234	41,319
North Pole, City of	70,557	57,486
North Slope Borough	2,477,476	1,959,373
North Slope Borough School District	357,333	383,820
Northwest Arctic School District	504,407	462,011
Palmer, City of	173,324	63,962
Petersburg, City of	277,762	233,951
Petersburg General Hospital	102,123	57,275
Pribilof Region School District	29,992	30,347
Railbelt School District	55,779	55,424
Saint Paul, City of	25,777	20,955
Sand Point, City of	26,691	24,545
Sand Point City School District	12,566	9,830
Seward, City of	264,602	227,951
Sitka, City of	460,371	485,857
Sitka Community Hospital	129,863	106,673

STATE OF ALASKA
PUBLIC EMPLOYEES' RETIREMENT FUND
Comparative Statement of Operations

	FISCAL YEAR ENDED	
	<u>June 30, 1983</u>	<u>June 30, 1982</u>
Additions - Continued		
Employers' Contributions - Continued		
Sitka Borough School District	187,042	187,166
Skagway, City of	38,924	34,894
Soldotna, City of	62,572	57,233
South Central Regional Resource Center		2,094
Southeast Island School District	32,010	29,289
Southeast Regional Resource Center	49,473	53,255
Southwest Region Schools	136,937	117,693
Tanana, City of	30,438	1,675
Tanana City School District	(2,555)	
Terminated Employers	10,116	
Unalaska, City of	218,796	206,294
Valdez, City of	401,660	328,380
Valdez City Schools	172,382	143,505
Wasilla, City of	26,139	48,909
Western Regional Resource Center	3,352	4,047
Wrangell, City of	166,974	139,090
Wrangell City Schools	54,182	43,745
Yukon Flats School District	92,935	81,972
Yukon Koyukuk School District	125,770	126,549
Total Employers' Contributions	99,726,866	88,332,287
Interest Earned on Reinstatements	392,355	348,312
Net Investment Income	85,609,413	51,408,749
Market Value Adjustment	53,099,225	(16,725,262)
Total Additions	<u>271,422,067</u>	<u>152,282,296</u>
Total Equities, Reserves and Additions	<u>880,525,874</u>	<u>645,357,736</u>
Deductions:		
Administrative Expenses		
Personnel Services	736,684	603,038
Travel	32,271	26,326
Contractual Services	1,001,389	569,761
Commodities	4,681	1,420
Equipment	25,430	4,890
Inter-Agency Services	441,200	349,200
System Development		56,321
Total Administrative Expenses	<u>2,241,655</u>	<u>1,610,956</u>

STATE OF ALASKA
PUBLIC EMPLOYEES' RETIREMENT FUND
Comparative Statement of Operations

	FISCAL YEAR ENDED	
	<u>June 30, 1983</u>	<u>June 30, 1982</u>
Deductions - Continued		
Employees' Contributions and Interest Refunded	7,622,566	7,192,268
Employer Contributions Refunded	59,538	12,522
Medical Benefit Expenses	4,541,484	3,375,646
Retirement Benefits Paid	<u>28,401,021</u>	<u>24,062,537</u>
Total Deductions	<u>42,866,264</u>	<u>36,253,929</u>
Ending Equities and Reserves	<u>837,659,610</u>	<u>609,103,807</u>
Adjustment to Fund Balance - Prior Year	(100,000)	
Ending Equities and Reserves - Adjusted	<u>837,559,610</u>	<u>609,103,807</u>

Fiscal Year 1983 Public Employees' Retirement System Benefit Payments Breakdown

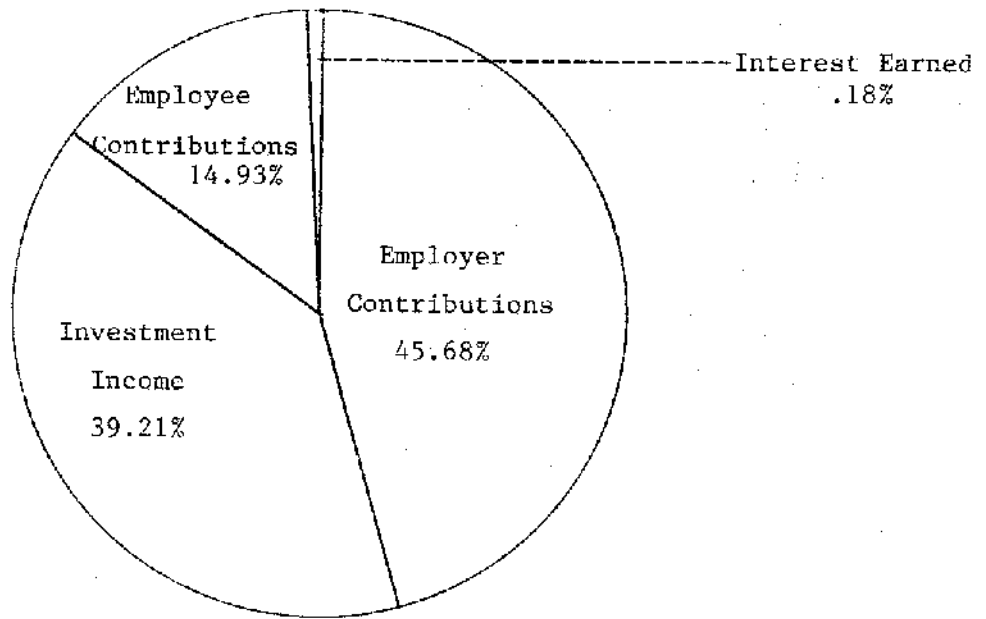
Benefit Type	Totals All Categories	Regular Retirees	Peace Officer Retirees	Fireman Retirees	*Elected Off. Retirees
Base Benefits	\$ 21,200,726	\$ 19,072,287	\$ 1,703,587	\$ 316,460	\$ 108,392
COLA	1,818,109	1,632,386	146,818	24,820	14,085
Widow Annuity	487,807	427,421	30,176	30,210	
Survivor Benefits	289,872	192,124	94,166	3,582	
Disability Benefits	696,114	480,358	139,033	76,723	
PRPA	3,577,057	3,252,120	245,002	64,313	15,622
Voluntary Annuity	5,561	5,158	403		
Lump Sum Benefit	325,775	301,830	23,945	49,619	31,339
Medical Benefits	4,541,484	4,275,106	185,420	565,727	169,438
Totals by Membership Category	\$	\$ 29,638,790	\$ 2,568,550	\$	\$
Totals all Benefits	\$ 32,942,505				

Total Retirees (6/30/83) 3,478
 Retirees by Membership Ctgry.
 Average Benefit, by Category
 - All Categories \$ 9,472

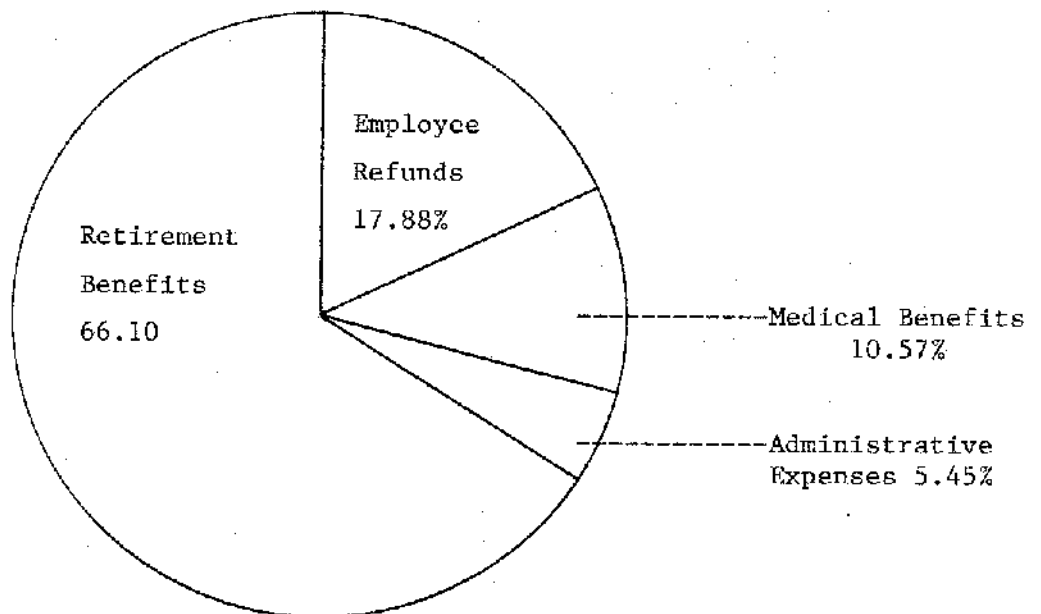
3,274 142 38 24
 \$ 9,053 \$ 18,088 \$ 14,888 \$ 7,060

* Active and Retired Elected Public Officers as of October 13, 1976, were mandatorily transferred to the Elected Public Officers Retirement System (EPORS), which was established by Legislation on January 1, 1976. Under current Legislation, all other elected officials may participate in the PERS or the TRS or do not participate at their option.

State of Alaska
Public Employees' Retirement System
Year Ended June 30, 1983
Income And Receipts
\$218,322,842



Disbursements
\$ 42,966,264



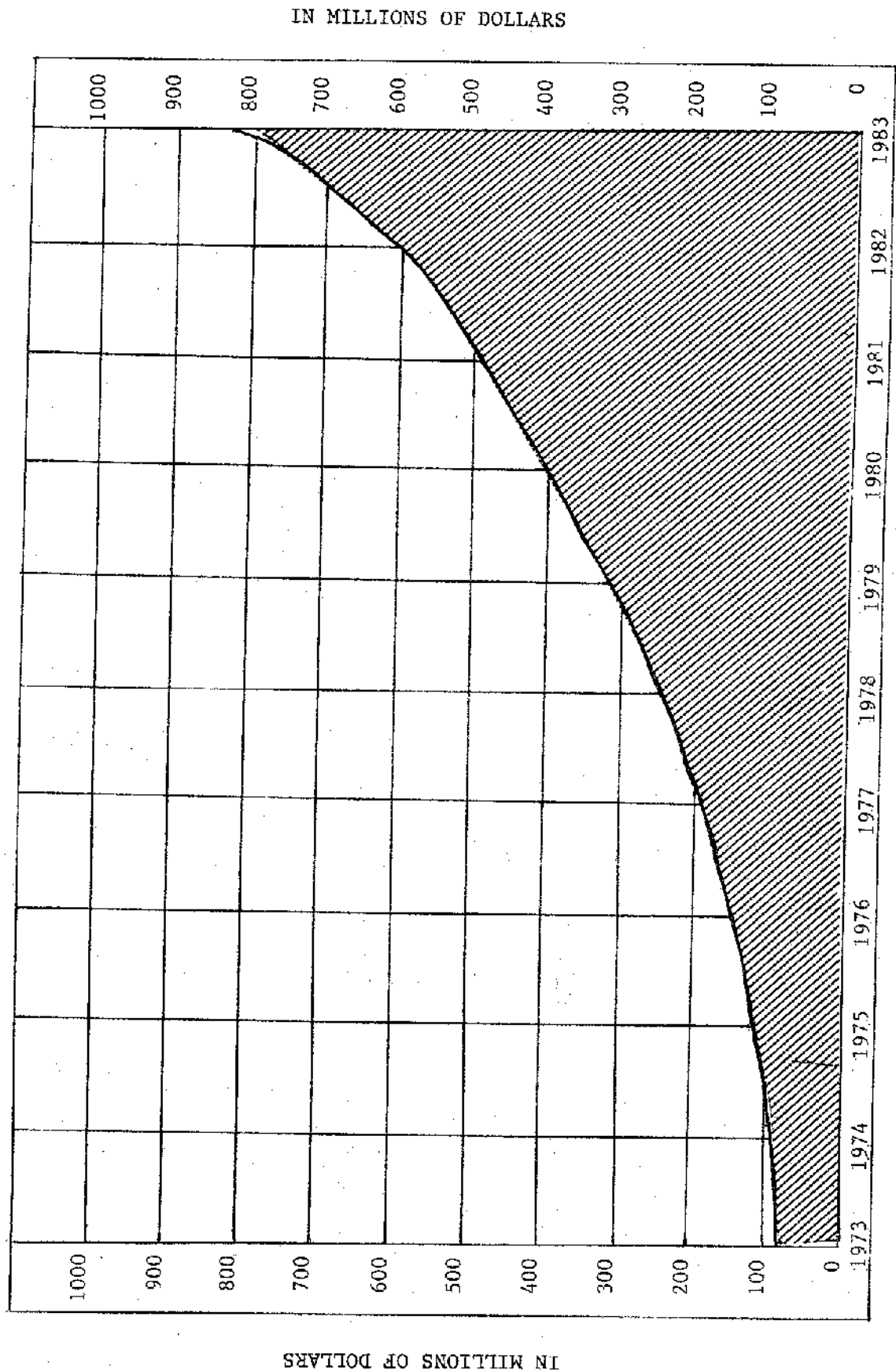
STATE OF ALASKA

PUBLIC EMPLOYEES' RETIREMENT FUND
Historical Data
Fiscal Years 1973 through 1983
(cents omitted)

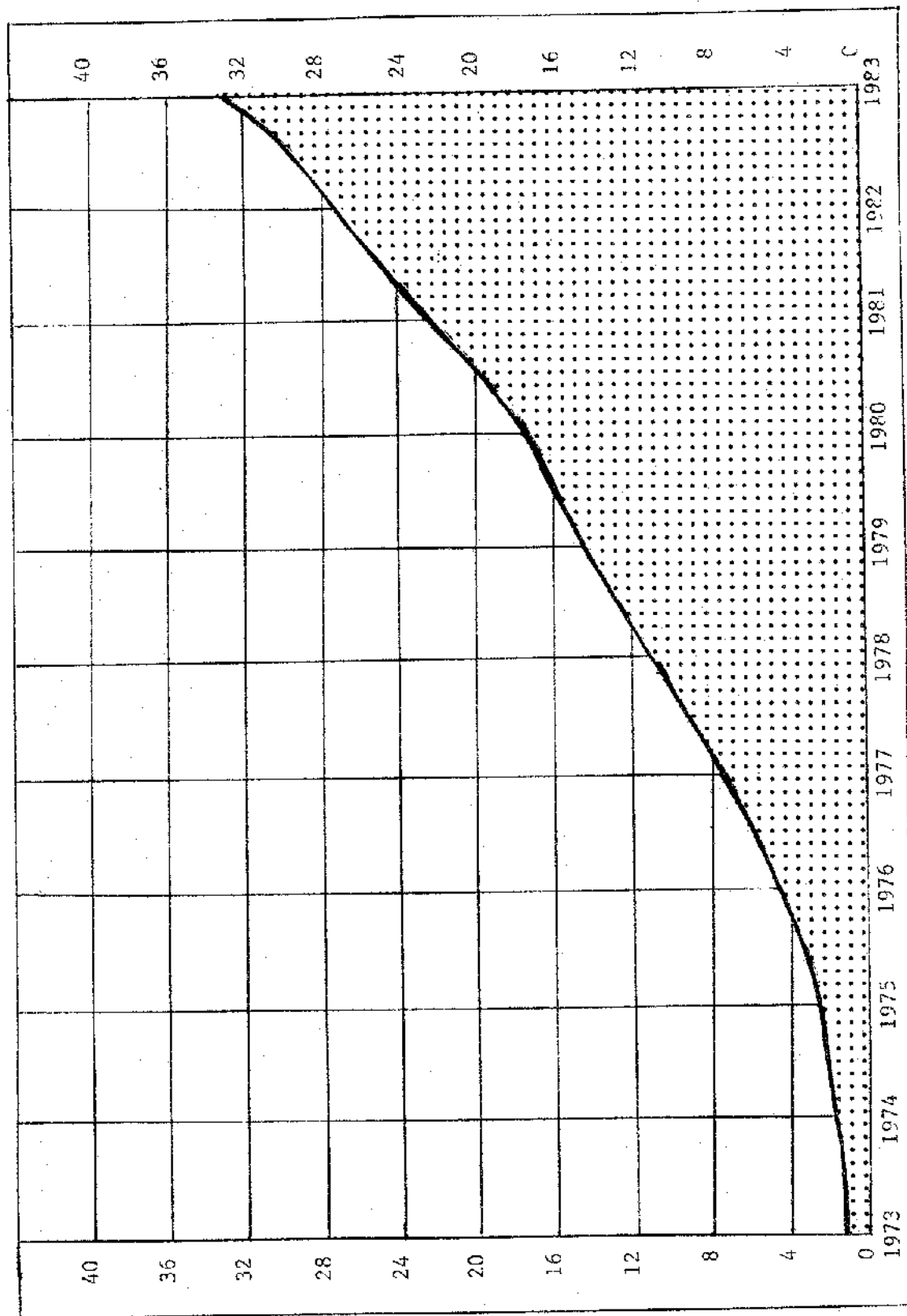
Fiscal Year	Assets Fiscal Year End	Employers' Contributions During Fiscal Year	Employees' Contributions During Fiscal Year	Benefits Paid Including Medical Expenses & Death Benefits	Employees' Contributions and Interest Refunded During Fiscal Year	Net Investment Income During Fiscal Year
1973	80,116,285	15,269,037	6,636,276	1,120,276	1,643,831	3,345,726
1974	89,606,549	9,439,931	6,805,053	1,714,642	2,334,265	2,270,806
1975	107,556,336	13,435,344	8,449,474	2,810,321	3,163,052	2,365,398
1976	141,988,644	22,712,558	12,348,074	4,842,542	3,758,719	8,367,857
1977	190,954,572	34,881,182	13,438,538	7,607,162	3,816,748	12,602,465
1978	246,662,043	38,735,575	16,176,433	11,005,738	4,345,592	16,612,594
* 1979	316,675,507	47,613,575	17,631,003	14,947,478	4,978,848	25,177,371
1980	402,125,897	56,236,318	20,898,263	17,775,811	5,759,464	37,489,889
1981	493,075,440	71,832,706	24,321,437	22,803,960	7,006,149	50,366,085
1982	609,103,807	88,332,287	28,918,210	27,438,183	7,192,268	51,408,749
1983	837,559,610	99,726,866	32,594,208	32,942,505	7,682,104	85,609,413

* Figures presented on an accrual basis effective FY 1979.

STATE OF ALASKA
PUBLIC EMPLOYEES' RETIREMENT FUND
TOTAL ASSETS
Fiscal Years 1973 through 1983



PUBLIC EMPLOYEES' RETIREMENT FUND
Benefits Paid
Fiscal Years 1973 through 1983



IN MILLIONS OF DOLLARS

STATE OF ALASKA

PUBLIC EMPLOYEES' RETIREMENT FUND
Employer Contribution Rates
Fiscal Year 1983

<u>Employer</u>	<u>Percentage</u>
Alaska Housing Finance Corporation	13.27
Alaska Municipal League	27.53
Alaska, State of	
Police & Fireman	22.36
All Other Employees	12.71
*Alaska State Housing Authority	15.21
Alaska, University of	11.78
Alaska, University of, Geophysical Institute	11.78
Aleutian Region School District	10.56
Anchorage, Municipality of	14.68
Anchorage School District	14.33
Annette Island School District	10.13
Bering Straits School District	12.10
Bethel, City of	12.12
Bristol Bay Borough	11.89
Bristol Bay Borough School District	14.98
Chatham School District	9.73
Chugach Regional School District	3.86
Copper River School District	10.54
Cordova, City of	15.31
Cordova Community Hospital	10.42
Cordova Public Schools	18.55
Craig, City of	13.61
Dillingham, City of	11.10
Fairbanks, City of	16.89
Fairbanks Public Utilities	16.89
Fairbanks North Star Borough	11.96
Fairbanks North Star Borough School District	11.96
Fort Yukon, City of	11.98
*Galena, City of	12.71
Galena City Schools	10.88
Haines Borough	10.89
Haines, City of	11.60
Hoonah City Schools	14.16
*Hydaburg City School District	11.46
Iditarod Area Schools	10.56
Juneau Borough Schools	13.91

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STATE OF ALASKA

PUBLIC EMPLOYEES' RETIREMENT FUND
Employer Contribution Rates
Fiscal Year 1983

Continued

<u>Employer</u>	<u>Percentage</u>
Juneau, City and Borough of	10.87
Kenai, City of	10.02
Kenai Peninsula Borough	14.62
Kenai Peninsula Borough School District	14.59
Ketchikan, City of	19.39
Ketchikan Gateway Borough	12.19
Ketchikan Gateway Borough School District	12.19
King Cove, City of	9.37
King Cove City School District	12.59
Kodiak, City of	14.26
Kodiak Island Borough	12.54
Kodiak Island Borough School District	13.78
Kotzebue, City of	9.41
Kuspuk School District	10.49
Lake & Peninsula School District	11.24
Lower Kuskokwim School District	10.80
Lower Yukon School District	11.65
Matanuska-Susitna Borough	12.96
Matanuska-Susitna Borough School District	12.96
Nenana, City of	13.79
Nenana City Public Schools	13.07
Nome, City of	13.83
Nome City Schools	13.07
Nome Joint Utilities	13.83
North Pacific Fisheries Mgt. Council	14.23
North Pole, City of	8.54
North Slope Borough	11.53
North Slope Borough School District	10.57
Northwest Arctic School District	10.56
Palmer, City of	10.20
Petersburg, City of	11.34
Petersburg General Hospital	14.41
Pribilof Region School District	15.15
Railbelt School District	14.71
Saint Paul, City of	11.04
Sand Point, City of	11.12
Sand Point City School District	11.01
Seward, City of	11.66
Sitka, City of	11.88
Sitka Community Hospital	14.28
Sitka Borough School District	15.97

STATE OF ALASKA
PUBLIC EMPLOYEES' RETIREMENT FUND
Employer Contribution Rates
Fiscal Year 1983

Continued

<u>Employer</u>	<u>Percentage</u>
Skagway, City of	11.84
Soldotna, City of	11.09
Southeast Island School District	10.39
Southeast Regional Resource Center	8.50
Southwest Region Schools	10.95
*Tanana, City of	11.46
*Tanana City School District	11.46
Unalaska, City of	11.20
Valdez, City of	11.25
Valdez City Schools	11.30
Wasilla, City of	11.46
Western Regional Resource Center	10.95
Wrangell, City of	13.71
Wrangell City Schools	19.48
Yukon Flats School District	11.07
Yukon Koyukuk School District	11.08

STATE OF ALASKA

TEACHERS '
RETIREMENT
FUND

BOARD MEMBERS

Name

Harry Purdy, Chairman

Jane Gustafson

Steve Kinney

Merritt C. Olson

Dorothy Wells

Term Expires

June 30, 1984

June 30, 1984

January 31, 1984

January 31, 1986

January 31, 1985



101 WEST BENSON BOULEVARD
ANCHORAGE, ALASKA 99503
907 279-1424

October 7, 1983

Mr. J. K. Humphreys, Director
Division of Retirement and Benefits
and
Members of the Teachers' Retirement Board
Alaska Teachers' Retirement System

In our opinion, the accompanying statements of net assets available for benefits and of changes in net assets available for benefits present fairly the financial position of the Alaska Teachers' Retirement System at June 30, 1983 and 1982 and its changes in net assets available for benefits for the years then ended, in conformity with generally accepted accounting principles consistently applied. Our examinations of these statements were made in accordance with generally accepted auditing standards and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

Price Waterhouse

ALASKA TEACHERS' RETIREMENT SYSTEM
STATEMENT OF NET ASSETS AVAILABLE FOR BENEFITS

JUNE 30, 1983 AND 1982

(In Thousands)

<u>ASSETS</u>	<u>1983</u>	<u>1982</u>
Cash	\$ 2,414	\$ 622
Other short-term investments, at market value (cost - \$20,350 and \$66,040)	20,350	67,008
Investment securities:		
United States securities, at market value (cost - \$241,511 and \$123,457)	227,881	101,805
Other bonds, notes and debentures, at market value (cost - \$25,864 and \$25,387)	20,496	15,923
Gold (committed on futures contracts for 1982), at market value (cost - \$20,905 and \$20,905)	14,181	18,424
Common stocks, at market value (cost - \$61,890 and \$46,618)	88,315	44,122
Convertible issues, at market value (cost - \$1,770 and \$534)	1,866	375
Real estate equity fund, at estimated market value (cost - \$27,924 and \$25,919)	29,592	27,452
Loans and mortgages, at cost	169,842	156,210
Contributions receivable	11,101	8,227
Investment income receivable	7,863	4,431
Other receivables		100
	<u>593,901</u>	<u>444,699</u>
 <u>LIABILITIES</u>		
Accrued expenses	<u>2,519</u>	<u>1,170</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u>\$591,382</u>	<u>\$443,529</u>

See accompanying notes to financial statements

ALASKA TEACHERS' RETIREMENT SYSTEM

STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

YEARS ENDED JUNE 30, 1983 AND 1982

(In Thousands)

	<u>1983</u>	<u>1982</u>
Net assets available for benefits, Beginning of year	<u>\$443,529</u>	<u>\$373,253</u>
Unrealized increase (decrease) in market value of investments held at year end, net	<u>36,218</u>	<u>(6,701)</u>
Additions:		
Employee contributions	24,546	21,735
Employer contributions and state match	54,718	50,857
Investment income	62,075	30,901
Interest on members' indebtedness	771	672
	<u>142,110</u>	<u>104,165</u>
Deductions:		
Medical benefits	2,307	1,683
Retirement benefits paid	24,053	21,198
Refunds to terminated members	2,509	2,974
Administrative expenses	1,606	1,333
	<u>30,475</u>	<u>27,188</u>
NET ASSETS AVAILABLE FOR BENEFITS, END OF YEAR	<u>\$591,382</u>	<u>\$443,529</u>

See accompanying notes to financial statements

ALASKA TEACHERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 1983 AND 1982

NOTE 1 - ACCOUNTING ENTITY:

The Alaska Teachers' Retirement System is a joint-contributory system created by Alaska statutes effective July 1, 1955. The System was established to provide benefits for teachers and other eligible participants. The Alaska Teachers' Retirement System - Statutes, July 1, 1982 pamphlet details the benefits and the eligibility requirements. Some of the more significant provisions are as follows:

Employee Contributions -

Contributions from members are 7% of their base salary as required by statute. A qualified member may make an additional contribution of 1% of their base salary. The contributions are deducted from the member's salary and remitted to the system by the employer.

Employer Contributions -

Employer contributions are determined by actuarial formula and approved by the Administrator. Current formulas are estimated to be sufficient to fund current service cost and to fund past service cost for a period of 25 years.

Types of Benefits -

The types of benefits provided to members include full and early retirement benefits, disability benefits, major medical benefits, cost of living allowance, death benefits or survivor allowances to qualified members and other benefits. In addition, members may withdraw their mandatory contributions, plus accrued interest, upon termination.

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES:

Basis of Accounting -

The System maintains its accounting records on the cash basis of accounting with conversion to accrual for financial statement presentation.

Investments -

Security investments, other than real estate equity fund and loans and mortgages, are carried at market value to reflect the asset values of the System as determined by the last quoted sales price at June 30, 1983 and 1982. Investment income consists of interest, dividends and gains or losses generated by the sale of investments.

The investment in gold consists of 34,088.545 fine troy ounces which are currently held in unallocated metals accounts with an independent custodian. For the year ended June 30, 1982 the gold was hedged through three gold bullion sales contract agreements. Each of the contract agreements was covered by purchase of additional gold during the current fiscal year.

Loans and mortgages are serviced by the institution from which the loan is purchased. The policy of the System is to hold these investments until maturity and accordingly no market value has been determined. Loans and mortgages are stated at cost and include approximately \$1,804,000 and \$2,655,000 in Other Real Estate Owned (OREO) for 1983 and 1982, respectively. OREO's represent properties on which the System has foreclosed and is holding with the intent to resell.

Real estate equity funds are stated at estimated market value as determined by the independent management of the investment accounts. These investments do not have a readily available market and generally represent long-term investments.

Contributions Receivable -

Contributions from employees and employers for service through June 30 are accrued. These contributions are considered fully collectible and accordingly no allowance for uncollectible receivables is considered necessary.

Investment Income Receivable -

Investment income receivable represents amounts earned but not yet received as of June 30. These amounts are considered fully collectible and accordingly no allowance for uncollectible receivables is considered necessary.

Reclassification -

Certain items in the 1982 financial statements have been reclassified to conform to current classifications. Such reclassifications have no effect on previously reported net assets available for benefits.

NOTE 3 - ACTUARIAL DETERMINATION:

The System's consulting actuary, William M. Mercer, Incorporated, estimated the present value of accrued benefits to be approximately \$587,016,000 at June 30, 1982.

Contributions to the System are based upon recommendations from the actuary utilizing the actuarial cost method described below.

Significant assumptions underlying the June 30, 1982 determinations are as follows:

Actuarial cost method	Attained age normal, also known as Aggregate Method with Supplemental Liability, unfunded accrued benefit liability amortized over 25 years.
Mortality basis	1971 Group Annuity Mortality Table.
Retirement age	Average of age 60 and the earliest age for which unreduced retirement benefits will be available.
Interest rate	Eight percent per annum, compounded annually, net of investment expenses.
Salary scale	Increase of eight percent per annum for the first five years of employment and seven percent per year thereafter.
Cost of living allowance (Domiciled in Alaska)	Forty-nine percent of those receiving benefits will be eligible to receive the cost of living allowance.
Contribution refunds	One hundred percent of those terminating after age 35 with eight or more years of service will leave their contributions and thereby retain their deferred vested benefits. All others who terminate are assumed to have their contributions refunded.
Asset valuation	Three-year average ratio between market and book values of the System's assets.

Turnover and disability assumptions are based upon actual historical occurrence rates of the System.

NOTE 4 - CONVERSION TO ACCRUAL ACCOUNTING AND MARKET VALUATION OF CERTAIN SECURITIES:

The effects of the accrual and market adjustments are as follows:

	(In Thousands)	
	<u>1983</u>	<u>1982</u>
Net assets available for benefits, cash basis at June 30	\$572,470	\$465,692
Adjustments to reflect conversion to accrual basis of accounting:		
Accrued contributions	11,101	8,227
Accrued investment income	7,863	4,431
Other receivable		100
Accrued refunds payable and certain other expenses	(2,519)	(1,170)
Adjustments to reflect change in market value of assets	<u>2,467</u>	<u>(33,751)</u>
Net assets available for benefits at June 30, as presented in the accompanying financial statements	<u>\$591,382</u>	<u>\$443,529</u>

NOTE 5 - PROPOSED CHANGES TO FINANCIAL STATEMENT PRESENTATION:

The Financial Accounting Standards Board has issued an exposure draft amendment to Statement of Financial Accounting Standards No. 35, "Accounting and Reporting by Defined Benefit Pension Plans", to further defer the applicability of that statement to plan years beginning after June 15, 1985 for plans sponsored by state and local governments. The effect of complying with Statement No. 35 would be to present all assets at fair value. It is the present policy of the System to present all investments at market value except loans and mortgages which are presented at cost.

Further, the National Council on Governmental Accounting (NCGA) has issued NCGA Statement No. 6, "Pension Accounting and Financial Reporting: Public Employee Retirement Systems (PERS) and State and Local Government Employer Entities". The effective date of this statement has been deferred to years ending after

December 31, 1983. Statement No. 6 calls for financial presentations including: 1) investments at cost or amortized cost with parenthetical disclosure of market value; 2) current liabilities; 3) the actuarial present value of credited projected benefits; and 4) the unfunded actuarial present value of credited projected benefits.

The ultimate jurisdictional authority regarding the application of these pronouncements has not been determined.

Benefit Services / Consulting Actuaries

SUMMARY

We have completed a valuation of the Alaska Teachers' Retirement System as of June 30, 1982. The principal results of the actuarial valuation are presented in this summary and analysis; the two sections which follow are meant to provide the necessary supporting details.

Section 1 presents the fundamental information on which the valuation was based. Included is a summary of plan provisions, information about plan participants, and disclosure of the actuarial method and assumptions used.

Section 2 presents the detailed actuarial valuation results. Its subsections present a step-by-step derivation of the recommended contribution. In addition, information requested by the auditors of the Retirement System is presented.

The purposes of an actuarial valuation are:

1. To examine the status of funding of the Plan, and
2. To determine the contribution rates for the State for each school district in the System.

The most significant results of the valuation are as follows:

	<u>1981</u>	<u>1982</u>
(1) Status of Funding as of June 30		
(a) Valuation Assets	\$389,241,229	\$451,649,982
(b) Present Value of Accrued Benefits	492,234,454	587,016,073
(c) Accrued Benefit Funding Ratio	79.1%	76.9%
(2) Contributions For Fiscal Year	<u>1984</u>	<u>1985</u>
(a) Normal Cost Rate	13.57%	13.64%
(b) Past Service Rate	3.85%	4.32%
(c) Total Contribution Rate	17.42%	17.96%

In preparing this valuation, we have employed generally accepted actuarial methods and assumptions, in conjunction with employee data provided to us, to determine a sound value for the Plan liabilities. I certify that, to the best of my knowledge and belief, the attached statements are true and correct.

Respectfully submitted,



Robert F. Richardson, ASA
Principal

RFR:js

December 29, 1982

1.5 ACTUARIAL METHOD AND ASSUMPTIONS

Valuation of Liabilities

A. Actuarial Method - Attained Age Normal, also known as Aggregate Method with Supplemental Liability. The unfunded accrued benefit liability is amortized over 25 years.

B. Actuarial Assumptions -

- | | |
|-------------------------|---|
| 1. Interest | 8% per year, compounded annually, net of investment expenses. |
| 2. Salary Scale | 8% per year for the first 5 years of employment and 7% per year thereafter. |
| 3. Health Inflation | 8% per year. |
| 4. Mortality | 1971 Group Annuity Mortality Table. |
| 5. Turnover | Based upon the 1980-81 actual total turnover experience. (See Table 1). |
| 6. Disability | Incidence rates in accordance with Table 2. Post-disability mortality in accordance with rates published by the Pension Benefit Guaranty Corporation to reflect mortality of those receiving disability benefits under Social Security. |
| 7. Retirement Age | The average of age 60 and the earliest age for which unreduced retirement benefits will be available. |
| 8. Spouse's Age | Wives are assumed to be four years younger than husbands. |
| 9. Contribution Refunds | 100% of those terminating after age 35 with 8 or more years of service will leave their contributions and thereby retain their deferred vested benefit. All others who terminate are assumed to have their contributions refunded. |

- | | |
|----------------|---|
| 10. C.O.L.A. | 49% of those receiving retirement benefits will be eligible for C.O.L.A. |
| 11. Sick Leave | 4.7 days of unused sick leave for each year of service will be available to be credited once the member is retired. |
| 12. Expenses | No loading for expenses. |

Valuation of Assets

Based upon the three-year average ratio between market and book values of the Systems's assets. Assets are accounted for on an accrued basis.

Valuation of Medical Benefits

Medical benefits for retirees are provided by the payment of premiums from the trust fund. A pre-65 cost and lower post-65 cost (due to Medicare) were assumed such that the total rate for all retirees equals the present premium rate. These medical premiums are then increased with the health inflation assumption. The same method used for funding retirement benefits is also used to fund health benefits.

TABLE 1
EMPLOYEE TURNOVER ASSUMPTIONS

Select Rates of Turnover During the First 3 Years of Employment		After 3 Years of Employment	
<u>Year of Employment</u>	<u>Males</u>	<u>Attained Age</u>	<u>Rate</u>
1	.12	20	.1500
2	.26	21	.1500
3	.32	22	.1500
		23	.1500
		24	.1500
		25	.1500
		26	.1500
		27	.1500
		28	.1500
		29	.1500
		30	.1400
		31	.1300
		32	.1200
		33	.1100
		34	.1000
		35	.0900
		36	.0800
		37	.0800
		38	.0700
		39	.0700
		40	.0650
		41	.0650
		42	.0650
		43	.0600
		44	.0600
		45	.0600
		46	.0600
		47	.0550
		48	.0550
		49	.0550
		50	.0500
		51	.0500
		52	.0500
		53	.0500
		54	.0500
		55 and Up	.0000

TABLE 2

William M. Mercer, Incorporated

DISABILITY RATES

ANNUAL RATES FOR 1,000 EMPLOYEES

<u>Age</u>	<u>Rate</u>
20	.70
21	.71
22	.72
23	.73
24	.74
25	.75
26	.76
27	.78
28	.80
29	.82
30	.84
31	.86
32	.88
33	.90
34	.93
35	.96
36	.99
37	1.03
38	1.07
39	1.11
40	1.15
41	1.20
42	1.27
43	1.36
44	1.48
45	1.62
46	1.76
47	1.91
48	2.07
49	2.23
50	2.40
51	2.60
52	2.86
53	3.18
54	3.56
55	4.00
56	4.59
57	5.34
58	6.10
59	7.20
60	8.43
61	9.75
62	11.30
63	13.05
64	14.90

2.4 BREAKDOWN OF PRESENT VALUE
OF BENEFITS

	<u>Present Value of Accrued Benefit</u>	<u>Present Value of Fully Projected Benefit</u>
<u>Active Members</u>		
Retirement Benefits	\$184,705,520	\$528,111,712
Termination Benefits	83,012,367	203,667,575
Disability Benefits	9,881,216	15,277,706
Death Benefits	4,074,787	7,903,625
Return of Contributions	9,290,996	15,146,004
Health Benefits	<u>56,078,016</u>	<u>70,358,656</u>
Subtotal	\$347,042,902	\$840,465,278
<u>Inactive Members</u>		
Not Vested	\$ 4,902,825	\$ 4,902,825
Vested Terminations	24,727,385	24,727,385
Retirees & Beneficiaries	<u>210,342,961</u>	<u>210,342,961</u>
Subtotal	\$239,973,171	\$239,973,171
TOTALS	\$587,016,073	\$1,080,438,449

2.5 CALCULATION OF TOTAL CONTRIBUTION RATE
FOR FISCAL YEAR 1985

Normal Cost Rate

(1) Present Value of Fully Projected Benefits	\$1,080,438,449
(2) Present Value of Accrued Benefits	587,016,073
(3) Present Value of Arrearage Indebtedness	19,370,260
(4) Present Value of Future Contributions (1) - (2) - (3)	474,052,116
(5) Present Value of Future Salaries	2,263,486,356
(6) Normal Cost Rate (4) ÷ (5)	20.94%
(7) Average Member Contribution Rate	7.30%
(8) Consolidated Employer Normal Cost Rate	13.64%

Past Service Rate

(1) Present Value of Accrued Benefits	\$ 587,016,073
(2) Valuation Assets	451,649,682
(3) Total Unfunded Liability	135,366,391
(4) 25-Year Amortization Factor	11.528758
(5) Past Service Payment	11,741,628
(6) Total Salaries	271,530,848
(7) Past Service Rate	4.32%

Total Employer Contribution Rate 17.96%

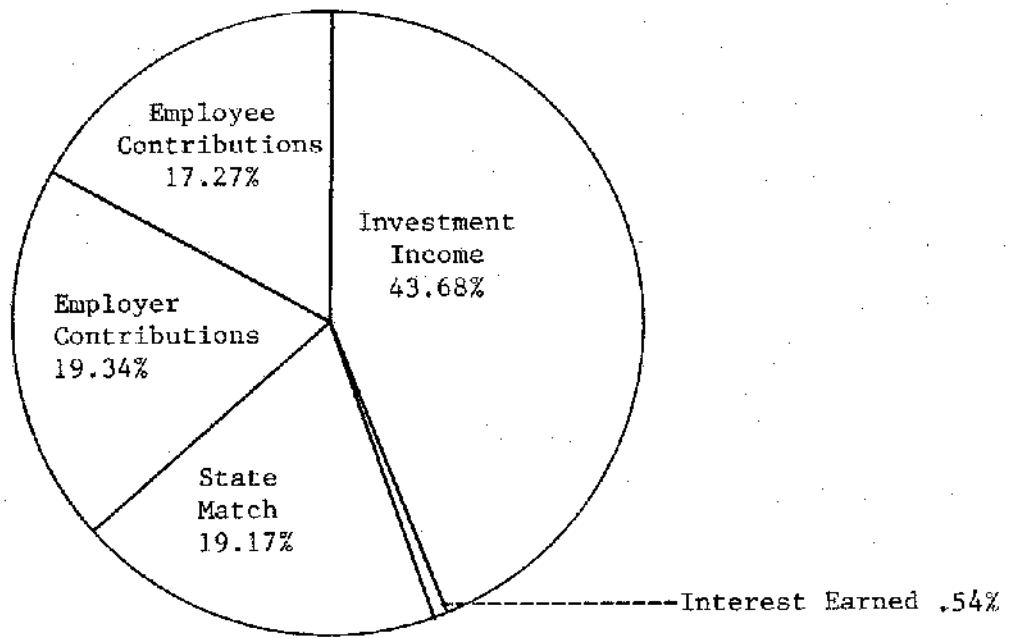
STATE OF ALASKA
TEACHERS' RETIREMENT FUND
Comparative Statement of Operations

	FISCAL YEAR ENDED	
	June 30, 1983	June 30, 1982
Beginning Equities and Reserves		
Additions:	\$ 443,528,570	\$ 373,253,081
Employees' Contributions:		
Mandatory	22,688,893	20,007,066
Supplemental	925,396	870,300
Reinstatement	136,190	168,862
Arrearage	758,624	643,328
Retroactive	37,163	45,486
Total Employees' Contributions	24,546,266	21,735,042
Employers' Contributions	27,482,000	24,318,871
State Contributions-Matching	27,235,900	26,537,879
Net Investment Income	62,075,568	30,900,759
Market Value Adjustment	36,217,914	(6,701,194)
Interest Earned on		
Employees' Indebtedness	771,414	672,620
Total Additions	178,329,062	97,463,977
Total Equities, Reserves and Additions	621,857,632	470,717,058
Deductions:		
Administrative Expenses		
Personnel Services	640,423	600,165
Travel	31,879	25,998
Contractual Services	458,541	294,670
Commodities	3,986	1,373
Equipment	24,401	4,890
Inter-Agency Services	446,200	349,200
System Development		56,321
Total Administrative Expenses	1,605,430	1,332,617

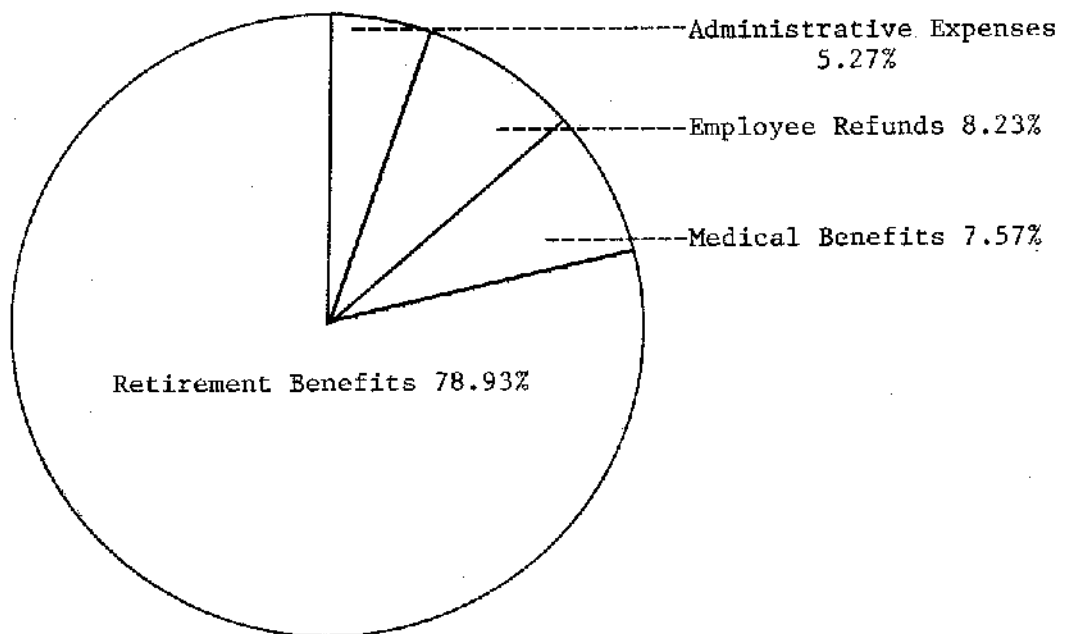
STATE OF ALASKA
TEACHERS' RETIREMENT FUND
Comparative Statement of Operations

	FISCAL YEAR ENDED	
	June 30, 1983	June 30, 1982
Employees' Contributions and Interest Refunded	2,509,240	2,974,426
Medical Benefit Expenses	2,307,011	1,683,098
Retirement Benefits Paid:		
Base Benefits	17,068,645	15,233,487
Cost of Living Allowance	1,171,299	1,026,307
Widow Annuity	243,981	186,056
Survivor Annuity	385,152	349,804
Disability Benefits	951,668	908,838
Post Retirement Pension Adjustment	4,090,107	3,365,110
Lump Sum Payments	141,771	128,744
Non-occupational Death Benefits	729	
Total Retirement Benefits	24,053,352	21,198,346
Total Deductions	30,475,033	27,188,487
Ending Equities and Reserves	\$ 591,382,599	\$ 443,528,571

State of Alaska
Teachers' Retirement System
Year Ended June 30, 1983
Income and Receipts
\$142,111,148



Disbursements
\$ 30,475,033



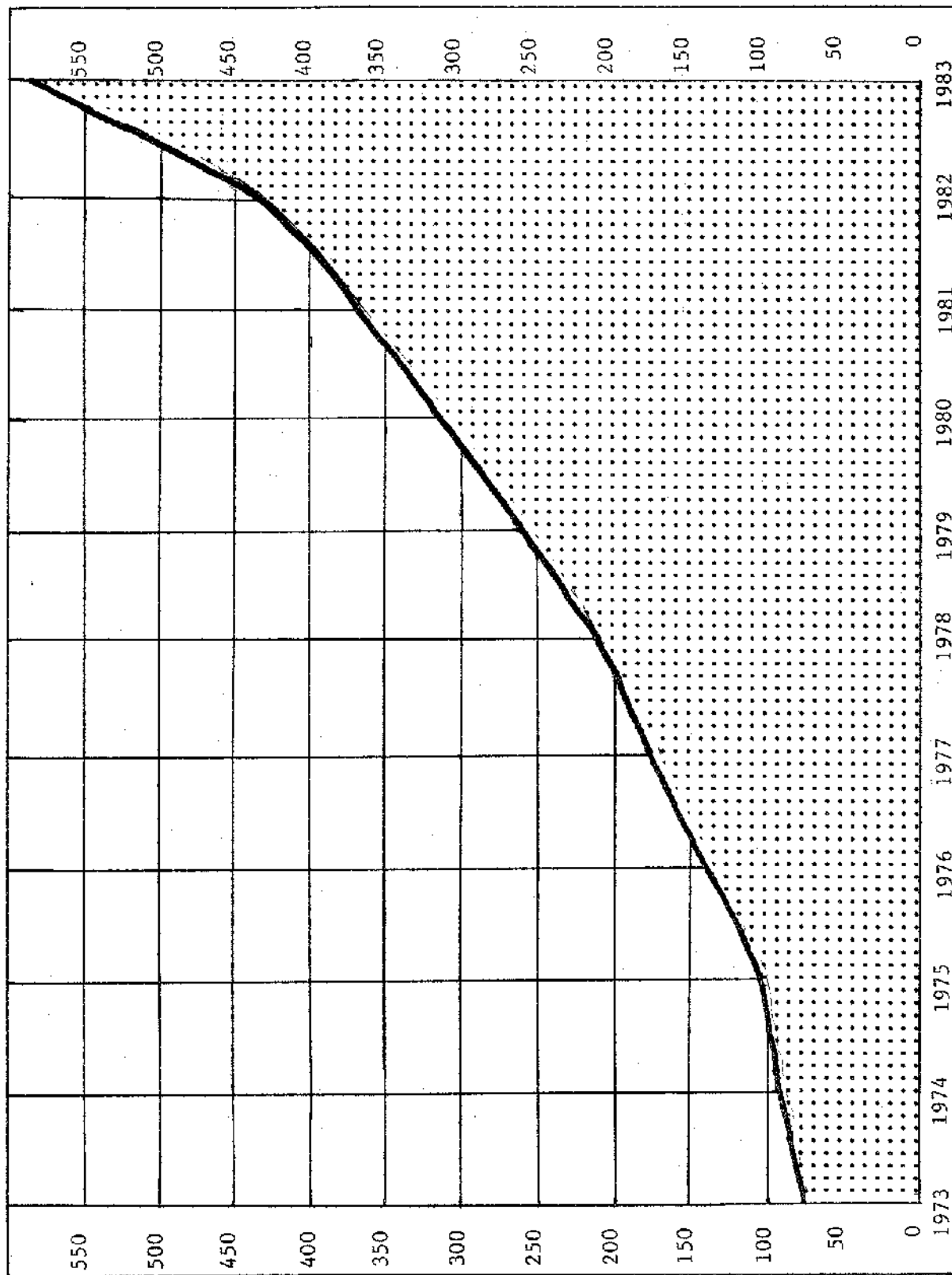
STATE OF ALASKA

TEACHERS' RETIREMENT FUND
Historical Data
Fiscal Years 1973 through 1983
(cents omitted)

Fiscal Year	Assets Fiscal Year End	Employers' Contributions During Fiscal Year	Employees' Contributions During Fiscal Year	Benefits Paid Including Medical Expenses & Death Benefits	Employees' Contributions and Interest Refunded During Fiscal Year	Net Investment Income During Fiscal Year
1973	73,979,377	9,543,907	6,820,652	2,493,491	1,312,958	3,181,537
1974	89,794,395	8,770,748	8,628,798	3,642,667	1,419,832	4,287,131
1975	105,797,313	11,526,213	9,147,206	4,574,494	1,896,431	1,844,773
1976	137,623,382	19,348,436	11,590,177	6,390,012	1,926,611	9,240,962
1977	177,345,467	24,030,230	12,162,883	8,161,421	1,859,829	13,583,578
1978	215,370,551	19,792,849	15,510,483	11,025,589	2,319,376	16,051,252
* 1979	267,043,332	26,558,644	15,142,057	13,838,067	2,419,936	22,311,725
1980	320,314,293	31,243,171	16,650,594	16,462,399	3,087,910	31,783,301
1981	373,253,081	37,653,917	18,853,076	20,004,135	3,172,253	39,180,591
1982	443,528,571	50,856,750	21,735,042	22,881,444	2,974,426	30,900,759
1983	591,382,599	54,717,900	24,546,266	26,360,363	2,509,240	62,075,568

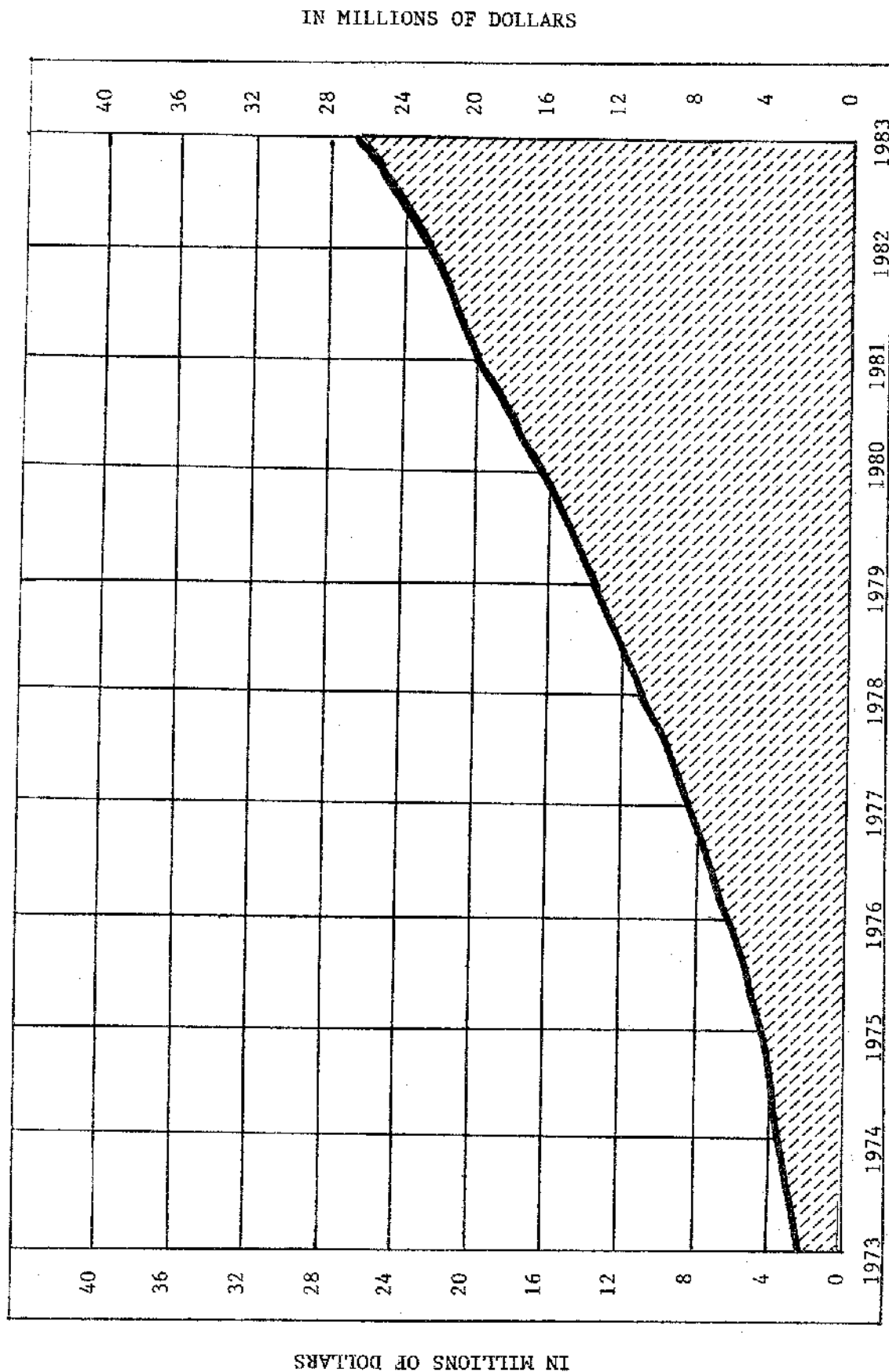
* Figures presented on an accrual basis effective FY 1979.

STATE OF ALASKA
TEACHERS' RETIREMENT FUND
TOTAL ASSETS
Fiscal Years 1973 through 1983



IN MILLIONS OF DOLLARS

TEACHERS' RETIREMENT FUND
 BENEFITS PAID
 Fiscal Years 1973 through 1983



STATE OF ALASKA

TEACHERS' RETIREMENT FUND
Employer Contribution Rates
Fiscal Year 1983

<u>Employer</u>	<u>Percentage</u>
Adak Region School District	8.45
Alaska Gateway Schools	
Alaska, University of	
Alaska, University of, Geophysical Institute	
Aleutian Region School District	
Anchorage School District	
Annette Island School District	
Bering Straits School District	
Bristol Bay Borough School District	
Chatham School District	
Chugach Region School District	
Copper River School District	
Cordova School District	
Craig School District	
Delta-Greely School District	
Department of Education, State of Alaska	
Dillingham School District	
Fairbanks North Star Borough School District	
Galena City School District	
Haines City Schools	
Hoonah City Schools	
Hydaburg City Schools	
Iditarod Area School District	
Juneau Borough School District	
Kake City Schools	
Kenai Peninsula Borough School District	
Ketchikan Gateway Borough School District	
King Cove City School District	
Klawock City Schools	
Kodiak Island Borough School District	
Kuspuk School District	
Lake & Peninsula School District	
Lower Kuskokwim School District	
Lower Yukon School District	
Matanuska-Susitna Borough School District	
National Education Association	
Nenana School District	
Nome City Schools	
North Slope Borough School District	
Northwest Arctic School District	
Pelican School District	

Same for all Employers

STATE OF ALASKA
TEACHERS' RETIREMENT SYSTEM
Employer Contribution Rates
For Fiscal Year 1983

Continued -

<u>Employer</u>	<u>Percentage</u>
Petersburg City Schools	8.45
Pribilof Region School District	
Railbelt School District	-----
Sand Point School District	Same for all Employers
Sitka Borough School District	-----
Skagway City School District	
Southeast Island School District	
Southeastern Regional Resource Center	
Southwest Region School District	
St. Mary's School District	
State Legislature	
Tanana School District	
Unalaska School District	
Valdez City Schools	
Western Regional Resource Center	
Wrangell Public Schools	
Yakutat School District	
Yukon Flats School District	
Yukon-Koyukuk School District	

ALASKA PUBLIC EMPLOYEES' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENTS HELD AT

June 30, 1983

(IN THOUSANDS)

<u>Other Short Term Investments</u>	<u>Interest Rate</u>	<u>Maturity Date</u>	<u>Par Value</u>	<u>Cost</u>	<u>Market Value</u>	<u>Yield</u>
<u>Demand Accounts</u>						
National Bank of Alaska			\$ 62	\$ 62	\$ 62	
Total Demand Accounts			62	62	62	
<u>Money Market Fund</u>						
Dreyfus Fund	8.0		1,500	1,500	1,500	8.0
Total Money Market Funds			1,500	1,500	1,500	
<u>Repurchase Agreements</u>						
Bank of America	9.43	07-01-83	16,200	16,200	16,200	9.43
Bank of America	9.00	07-14-83	10,000	10,000	10,000	9.00
Total Repurchase Agreements			26,200	26,200	26,200	
<u>Commercial Paper</u>						
Undivided Interest in Various Corporations	9.538		2,025	2,025	2,025	9.538
American Express Credit Corp.	9.002	07-01-83	2,571	2,571	2,571	9.001
Total Commercial Paper			4,596	4,596	4,596	
Total Other Short Term Investments			\$ 32,358	\$ 32,358	\$ 32,358	

ALASKA PUBLIC EMPLOYEES' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENTS HELD AT

June 30, 1983

(IN THOUSANDS)
(CONTINUED)

UNITED STATES GOVERNMENT SECURITIES	Interest Rate	Maturity Date	Par Value	Cost	Market Value	Yield
<u>U.S. Treasury Bills, Notes and Bonds</u>						
U.S. Treasury Bills						
	7.940	08-25-83	\$ 26,790	\$ 25,750	\$ 26,435	8.26
	8.640	08-25-83	210	203	207	8.94
	8.410	07-28-83	100	98	98	8.41
U.S. Treasury Notes						
	9.250	08-15-83	10,000	9,902	10,000	9.63
	9.750	09-30-83	5,000	5,006	5,020	9.70
	9.875	11-15-83	16,000	15,861	16,080	10.22
	7.250	02-15-84	7,000	7,014	6,875	7.21
	8.875	06-30-84	15,000	14,864	14,866	9.15
	14.375	11-15-84	10,000	10,369	10,512	12.61
	14.375	11-15-84	10,000	10,378	10,512	12.57
	13.125	08-15-85	15,000	14,930	15,840	13.32
	10.000	12-31-86	30,000	30,375	29,442	9.59
	9.000	02-15-87	13,400	13,403	12,751	9.00
	10.250	03-31-87	20,000	20,069	19,660	10.14
	9.875	05-15-88	10,000	10,067	9,629	9.70
	9.250	05-15-89	10,000	10,019	9,324	9.22
	10.500	11-15-92	10,000	9,870	9,770	10.71
	10.875	02-15-93	20,000	20,794	19,940	10.22
	10.125	05-15-93	10,000	9,997	9,570	10.13
	10.125	05-15-93	10,000	9,985	9,570	10.15
	10.125	05-15-93	10,000	9,911	9,570	10.27
	10.125	05-15-93	10,000	9,975	9,570	10.17
U.S. Treasury Bonds						
	7.875	02-15-00	5,500	5,634	4,191	7.64
	8.375	08-15-00	4,000	3,963	3,165	8.47
	7.625	02-15-07	1,000	977	723	7.82
	7.875	11-15-07	6,000	5,968	4,453	7.92
	10.375	11-15-12	5,000	4,926	4,710	10.54
	10.375	11-15-12	5,000	4,928	4,710	10.53
	10.375	11-15-12	10,000	9,859	9,419	10.53
	10.375	11-15-12	10,000	9,909	9,419	10.47
	10.375	11-15-12	10,000	10,130	9,419	10.23

ALASKA PUBLIC EMPLOYEES' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENTS HELD AT

June 30, 1983

(IN THOUSANDS)
(CONTINUED)

UNITED STATES GOVERNMENT SECURITIES	Interest Rate	Maturity Date	Par Value	Cost	Market Value	Yield
U.S. Treasury Bonds (Continued)						
	10.375	11-15-12	10,000	9,977	9,419	10.40
	10.375	11-15-12	15,000	15,187	14,128	10.24
	10.375	11-15-12	10,000	9,968	9,419	10.41
	10.375	11-15-12	20,000	20,119	18,838	10.31
Purchased Interest Receivable on U.S. Treasury Notes and Bonds				123	123	
Total U.S. Treasury Bills, Notes and Bonds			390,000	390,902	377,889	
U.S. Agencies						
Federal Land Bank	8.800	10-21-85	3,750	3,784	3,607	8.66
Federal Home Loan Mortgage Corporation	11.100	11-25-92	10,000	10,000	9,910	11.10
International bank for Recon- struction and Development	9.350	12-15-00	750	812	519	8.51
Federal Home Loan Mortgage Corporation	8.125	03-15-07	780	777	556	8.16
Total U.S. Agencies			15,280	15,373	14,592	
GNMA Mortgage Backed Securities						
Total GNMA Mortgage Backed	7.5 - 8.5	09-15-04 to 10-15-07	18,525	19,506	15,303	7.81 - 8.42
Amortization of Discount Total United States Government Securities			\$ 423,805	278 \$ 426,059	\$ 407,784	

ALASKA PUBLIC EMPLOYEES' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENTS HELD AT

JUNE 30, 1983

(IN THOUSANDS)

(CONTINUED)

OTHER BONDS, NOTES, AND DEBENTURES	Interest Rate	Maturity Date	Par Value	Cost	Market Value	Yield
Pacific Gas and Electric	9.500	06-01-85	\$ 1,250	\$ 1,244	\$ 1,220	9.58
American Express	10.750	11-01-85	4,000	4,000	3,983	10.75
Glendale Federal Savings and Loan	9.350	07-01-89	1,000	1,000	929	9.35
J.C. Penney Company	8.875	07-15-95	1,000	989	863	9.00
Pfizer, Inc.	8.500	04-15-99	500	470	392	9.12
General Motors Acceptance Corp.	8.750	02-01-00	1,500	1,594	1,176	8.13
Pfizer, Inc.	9.250	08-15-00	500	494	411	9.38
Exxon Corporation	8.250	03-01-01	1,000	1,028	789	7.99
Mobil Corporation	8.500	06-15-01	1,500	1,515	1,147	8.40
General Electric Company	8.500	05-01-04	2,000	2,115	1,577	7.97
Citicorp	11.000	05-01-04	1,500	1,500	1,408	11.05
Texas Electric Service	8.875	06-01-05	1,000	1,013	797	8.75
Sears Roebuck Company	8.000	04-01-06	1,000	987	715	8.11
Texas Power and Light	8.250	02-01-07	1,000	996	730	8.28
Bankamerica Corporation	8.350	05-15-07	1,000	992	723	8.42
Commonwealth Edison	8.125	06-01-07	1,000	981	681	8.30
Standard Oil Co. Indiana	7.875	08-01-07	1,000	979	711	8.06
Duka Power Company	8.125	09-01-07	1,000	969	730	8.41
Province of Ontario	8.375	09-15-07	1,500	1,500	1,121	8.37
Central Power and Light	8.250	10-01-07	1,500	1,485	1,093	8.34
Aetna Life and Casualty Co.	8.125	10-15-07	1,000	991	745	8.20
Illinois Power Company	8.250	11-01-07	1,000	990	698	8.34
Michigan Bell Telephone Co.	9.600	10-01-08	1,000	1,122	800	8.45
South Central Bell Telephone Co.	8.250	11-01-15	1,000	1,000	709	8.25
Mountain States Telephone/ Telegraph Co.	8.000	09-15-17	1,500	1,491	1,007	8.05
Pacific Northwest Bell Telephone Co.	8.750	08-01-18	1,000	1,000	729	8.75
Amortization of Premium			(40)			
Total Other Bonds, Notes, and Debentures			\$ 32,250	\$ 32,405	\$ 25,884	

ALASKA PUBLIC EMPLOYEES' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENTS HELD AT

JUNE 30, 1983

(IN THOUSANDS)

(CONTINUED)

<u>Common Stock</u>	<u>Shares</u>	<u>Cost</u>	<u>Market</u>
Ahmanson HF and Co.	35,000	\$ 1,075	\$ 1,102
Avca Corporation	43,000	1,488	1,516
Avnet Inc.	27,000	1,140	1,154
Boeing Company	31,000	933	1,418
Coca Cola Company	21,000	1,073	1,047
Dayton Hudson Corporation	15,100	586	1,129
Deere & Company	25,000	973	856
Delta Airlines	9,000	427	382
Disney Productions	11,700	734	793
E Systems	36,400	711	1,492
Emery Air Freight	60,000	982	1,282
Federal National Mtg. Assn.	81,000	1,481	2,025
Financial Corp of America	74,725	1,193	2,924
First Charter Financial Corp.	24,000	709	693
General Electric Co.	5,900	639	324
General Motors Corp.	18,000	1,062	1,309
Genstar Corporation	35,800	974	993
Hewlett Packard Co.	12,200	960	1,110
International Business Machines	14,400	1,429	1,732
K Mart Corporation	34,000	800	1,186
Levi Strauss	26,300	873	1,407
Levitz Furniture	18,400	427	1,582
Louisiana-Pacific Corporation	24,610	531	815
Lowe's Companies	97,966	898	2,939
MCA Inc.	25,000	1,041	987
Merrill Lynch	41,000	1,054	2,168
Motorola Inc.	11,000	844	1,491
NCR Corporation	13,500	693	1,586
National Medical Care	69,000	1,056	1,268
Northern Telecom LTD.	51,000	982	1,938
Northrop Corporation	13,500	913	1,213
Northwest Airlines Inc.	32,000	1,579	1,640
Outboard Marine Corporation	14,700	369	570
Phibro Saloman	75,400	1,399	5,721
Ponderosa Inc.	36,700	535	840
Sears Roebuck	28,500	543	1,179
Syntex Corporation	18,000	1,028	1,012
Texas Air Corporation	120,800	1,230	1,314
Texas Instruments	5,000	527	596
U.S. Air Group Inc.	14,600	558	558
U.S. Air Group Inc.	13,000	456	497
Varian Associates, Inc.	31,400	654	1,931
Wang Labs	15,500	572	620
Weyerhaeuser Company	20,800	713	788
Xerox Corporation	24,000	1,151	1,134

ALASKA PUBLIC EMPLOYEES' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENTS HELD AT

JUNE 30, 1983

(IN THOUSANDS)

(CONTINUED)

<u>Common Stock</u>	<u>Shares</u>	<u>Cost</u>	<u>Market</u>
AMF Inc.	23,000	381	377
Allied Corporation	10,000	417	501
Aluminum Co. of America	15,200	488	562
American Tel. & Tel. Co.	7,255	396	461
Associated Dry Goods Corp.	10,000	354	600
Atlantic Richfield Co.	10,800	419	529
Avco Corporation	18,000	511	635
Avon Products Inc.	17,600	563	601
Bankamerica Corporation	19,200	359	434
Burlington Ind. Inc.	13,050	352	493
Champion International Corp.	10,000	277	254
Coca Cola Company	8,800	304	439
Colgate-Palmolive Co.	18,000	323	416
Continental Group Inc.	13,200	368	573
Control Data Corporation	11,800	405	670
Dart & Kraft Inc.	9,600	498	631
Diamond Shamrock Corporation	10,000	243	220
Dresser Industries Inc.	22,000	433	476
Eastman Kodak Company	8,000	598	581
Exxon Corporation	26,400	775	891
Financial Corp. of America	5,000	188	196
FMC Corporation	13,200	362	559
GTE Corporation	24,000	746	978
General Electric Company	11,800	346	649
General Motors Corporation	16,800	829	1,222
Genstar Corporation	29,000	463	805
Gulf Oil Corporation	8,800	323	319
I.B.M. Corporation	25,900	1,698	3,114
Lincoln National Corporation	6,300	248	324
Manufacturers Hanover Corp.	9,000	282	396
McDermott International Inc.	12,000	217	267
McGraw-Edison Co.	5,000	224	218
Middle South Utilities Inc.	16,000	489	540
NL Industries Inc.	14,400	326	257
Natomas Co.	9,000	157	218
Northwest Airlines Inc.	5,400	157	277
Pacific Gas & Electric Co.	18,000	442	531
Polaroid Corporation	10,000	299	308
J.C. Penney Co.	7,600	315	452
Phillips Petroleum Co.	14,400	450	508
Quaker St. Oil Refining Corp.	10,000	194	190
RCA Corporation	10,000	276	289
Research Cottrell Inc.	10,000	200	185
Schlumberger Ltd.	12,000	497	648
Sears Roebuck & Co.	12,700	257	505

ALASKA PUBLIC EMPLOYEES' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENTS HELD AT

JUNE 30, 1983

(IN THOUSANDS)

(CONTINUED)

<u>Common Stock</u>	<u>Shares</u>	<u>Cost</u>	<u>Market</u>
Sperry Corporation	10,000	373	411
Square D. Co.	9,600	252	338
Sterling Drug Inc.	14,400	310	382
Syntex Corporation	8,400	334	473
Texaco Inc.	12,000	355	417
Textron Inc.	13,250	349	424
Transamerica Corporation	21,600	455	605
Travelers Corporation	14,700	324	439
Wells Fargo & Company	5,000	160	186
White Consolidated Industries	12,150	421	509
Xerox Corporation	11,300	381	534
Total Common Stock		\$ <u>62,159</u>	\$ <u>89,278</u>

ALASKA PUBLIC EMPLOYEES' RETIREMENT SYSTEM
SCHEDULE OF INVESTMENTS HELD AT
JUNE 30, 1983

(IN THOUSANDS)

(CONTINUED)

	<u>Shares</u>	<u>Cost</u>	<u>Market</u>
<u>Convertible Stock</u>			
SCOA Industries Inc.			
CV Sub 10% Sep. 1, 2007 F/R	2,200	\$ 269	\$ 314
United Technologies Corp.			
\$2.55 CV Pfd.	8,000	226	281
Total Convertible Stock		\$ 495	\$ 595
<u>Real Estate Equity Fund</u>			
Equitable Life Insurance Co.		\$ 10,723	\$ 11,275
Prudential Insurance Co.		7,002	7,215
Aetna Life and Casualty		9,284	9,994
John Hancock Life Insurance Co.		7,663	7,965
Total Real Estate Equity Fund		\$ 34,672	\$ 36,449
<u>Real Estate Mortgages and SBA Loans</u>			
<u>SBA Loans Serviced By</u>			
Alaska Mutual Bank	9.50	62	9.00
Alaska Statebank	7.50 - 10.00	97	9.35
First Bank	9.75 - 10.50	208	9.81
First National Bank of Fairbanks	15.75	490	15.69
National Bank of Alaska	8.00 - 10.50	864	8.83
Peoples Bank & Trust	8.00 - 9.25	314	8.44
Total SBA Loans		2,035	
<u>Bureau of Indian Affairs Serviced By</u>			
National Bank of Alaska	10.50	958	10.31
<u>Farmers Home Administration Loan Serviced By</u>			
National Bank of Alaska	9.75	1,476	9.56

ALASKA PUBLIC EMPLOYEES' RETIREMENT SYSTEM
SCHEDULE OF INVESTMENTS HELD AT
JUNE 30, 1983

(IN THOUSANDS)

(CONTINUED)

Real Estate Mortgages
and SBA Loans

<u>FHA Mortgages Serviced By</u>	<u>Interest Rate Range</u>	<u>Outstanding Balance</u>	<u>Weighted Average Yield</u>
Alaska Mutual Bank	6.00 - 8.50	\$ 555	7.53
Alaska National Bank	5.75	22	5.43
Alaska Statebank	5.25 - 8.50	637	7.01
First National Bank of Anchorage	5.25 - 8.50	1,510	8.15
First Bank	5.25	21	5.12
National Bank of Alaska	5.25 - 8.00	1,307	7.23
Peoples Bank & Trust	7.50	25	7.50
Rainier Mortgage Company	5.25 - 8.50	514	7.76
Washington Mortgage Co.	7.00	815	7.87
Total FHA Mortgages		<u>6,594</u>	

SBA Loans Serviced By

Alaska Mutual Bank	9.50	62	9.00
Alaska Statebank	7.50 - 10.00	97	9.35
First Bank	9.75 - 10.50	208	9.81
First National Bank of Fairbanks	15.75	490	15.69
National Bank of Alaska	8.00 - 10.50	864	8.83
Peoples Bank & Trust	8.00 - 9.25	314	8.44
Total SBA Loans		<u>2,035</u>	

Bureau of Indian Affairs
Serviced By

National Bank of Alaska	10.50	<u>958</u>	10.31
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Farmers Home Administration
Loan Serviced By

National Bank of Alaska	9.75	<u>1,476</u>	9.56
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ALASKA PUBLIC EMPLOYEES' RETIREMENT SYSTEM
SCHEDULE OF INVESTMENTS HELD AT
JUNE 30, 1983

(IN THOUSANDS)

(CONTINUED)

<u>Conventional/Residential</u> <u>Mortgages Serviced By</u>	<u>Interest</u> <u>Rate Range</u>	<u>Outstanding</u> <u>Balance</u>	<u>Weighted</u> <u>Average</u> <u>Yield</u>
Alaska Bank of Commerce	8.00 - 16.75	4,674	13.09
Alaska Continental Bank	14.00	532	13.81
Alaska Federal Savings & Loan	11.00 - 16.50	3,979	12.41
Alaska Mutual Bank	9.375 - 17.25	12,858	12.04
Alaska National Bank	9.25 - 12.00	10,980	10.18
Alaska Pacific Bank	9.375 - 16.50	11,998	11.64
Alaska Pacific Mortgage Co.	14.00 - 14.75	449	14.30
Alaska Statebank	9.375 - 17.00	23,936	12.33
Arctic First Federal Savings & Loan	9.50 - 12.00	1,042	10.86
First Alaska Mortgage	13.00 - 15.125	218	13.91
First Federal Savings & Loan	9.875 - 16.50	5,009	12.65
First National Bank of Anchorage	9.25 - 16.75	27,847	11.81
General Electric Mortgage Co.	11.00	471	10.81
First National Bank of Fairbanks	9.875 - 15.75	3,431	11.83
First Bank	9.375 - 10.50	1,057	9.58
Home Savings & Loan	9.50 - 16.125	10,437	10.83
Kissell Mortgage Co.	9.50 - 17.25	78,437	14.22
National Bank of Alaska	10.50 - 16.75	1,726	12.72
Peoples Bank & Trust	9.50 - 11.00	1,584	10.12
Peoples Mortgage Co.	10.25 - 10.50	782	10.22
Peninsula Savings & Loan	11.50 - 12.75	369	11.63
Seafirst Corporation	9.25 - 14.875	14,731	10.92
Security National Bank	10.75 - 16.75	1,338	14.29
Total Conventional/Residential Mortgages		<u>217,885</u>	
Total Real Estate Moratgages and SBA Loans		<u>\$ 228,948</u>	

ALASKA TEACHERS' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENTS HELD AT

JUNE 30, 1983

(IN THOUSANDS)

<u>SHORT-TERM INVESTMENTS</u>	<u>Interest Rate</u>	<u>Maturity Date</u>	<u>Par Value</u>	<u>Cost</u>	<u>Market Value</u>	<u>Yield</u>
<u>Repurchase Agreements</u>						
Bank of America	9.430	07-01-83	\$ 6,000	\$ 6,000	\$ 6,000	9.430
Bank of America	9.000	07-14-83	10,000	10,000	10,000	9.000
Alaska National Bank of the North	9.000		861	861	861	9.000
Total Repurchase Agreements			16,861	16,861	16,861	
<u>Commercial Paper</u>						
Undivided Interest in Various Corporations	9.538	07-01-83	1,437	1,437	1,437	9.538
American Express Credit Corp.	9.002		2,052	2,052	2,052	9.001
Total Commercial Paper			3,489	3,489	3,489	
Total Short-Term Investments			\$ 20,350	\$ 20,350	\$ 20,350	

ALASKA TEACHERS' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENTS HELD AT

JUNE 30, 1983

(IN THOUSANDS)

(CONTINUED)

<u>United States Government Securities</u>	<u>Interest Rate</u>	<u>Maturity Date</u>	<u>Par Value</u>	<u>Cost</u>	<u>Market Value</u>	<u>Yield</u>
<u>U.S. Treasury Bills, Notes and Bonds</u>						
U.S. Treasury Bills	8.410	07-28-83	\$ 100	\$ 98	\$ 98	8.41
U.S. Treasury Notes	9.250	08-15-83	10,000	9,902	10,000	9.63
	9.750	09-30-83	5,000	5,006	5,020	9.70
	9.875	11-15-83	8,000	7,931	8,040	10.22
	7.250	02-15-84	2,000	2,001	1,964	7.24
	8.875	06-30-84	14,000	13,882	13,875	9.13
	7.250	08-15-84	3,000	2,966	2,915	7.46
	14.375	11-15-84	10,000	10,372	10,512	12.59
	14.375	11-15-84	5,000	5,188	5,256	12.58
	13.125	08-15-85	10,000	9,953	10,560	13.32
	7.875	05-15-86	250	250	233	7.88
	9.000	02-15-87	13,400	13,403	12,751	9.00
	9.875	05-15-88	20,000	20,134	19,258	9.70
	9.250	05-15-89	5,000	5,009	4,662	9.22
	10.875	02-15-93	10,000	10,400	9,970	10.22
	10.125	05-15-93	10,000	9,911	9,570	10.27
	10.125	05-15-93	10,000	9,985	9,570	10.15
	10.125	05-15-93	10,000	9,975	9,570	10.17
U.S. Treasury Bonds	7.875	02-15-00	6,500	6,659	4,953	7.64
	8.375	08-15-00	4,000	3,963	3,165	8.47
	7.625	02-15-07	1,000	978	723	7.82
	7.875	11-15-07	4,000	3,977	2,969	7.92
	10.375	11-15-12	5,000	4,926	4,710	10.54
	10.375	11-15-12	5,000	4,928	4,710	10.53
	10.375	11-15-12	10,000	9,859	9,419	10.53
	10.375	11-15-12	10,000	10,060	9,419	10.31
	10.375	11-15-12	10,000	9,968	9,419	10.41
	10.375	11-15-12	10,000	9,977	9,419	10.40
Purchased Interest Receivable on U.S. Treasury Notes and Bonds				73		
Total U.S. Bills, Notes and Bonds			211,250	211,734	202,803	

ALASKA TEACHERS' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENTS HELD AT

JUNE 30, 1983

(IN THOUSANDS)

(CONTINUED)

	<u>Interest Rate</u>	<u>Maturity Date</u>	<u>Par Value</u>	<u>Cost</u>	<u>Market Val</u>
<u>U.S. Agencies</u>					
Federal National Mortgage Association	7.550	12-10-84	1,000	1,000	\$ 978
International Bank for Reconstruction and Development	7.650	05-01-87	450	448	339
Federal Home Loan Mortgage Corporation	11.100	11-25-92	5,000	5,000	4,955
Federal Home Loan Mortgage Corporation	11.100	11-25-92	3,000	3,000	2,973
International Bank for Reconstruction and Development	9.350	12-15-00	500	541	345
Federal Home Loan Mortgage Corporation	8.125	03-15-07	780	777	556
Total U.S. Agencies			<u>10,730</u>	<u>10,766</u>	<u>\$ 10,146</u>
<u>GNMA Mortgage Backed Securities</u>					
Total GNMA Mortgage Backed Securities	7.0 - 8.5	09-15-04 to 07-15-12	<u>18,878</u>	<u>19,151</u>	<u>14,932</u>
Amortization of Premium				<u>(140)</u>	
Total United States Government Securities			<u>\$ 240,858</u>	<u>\$ 241,511</u>	<u>\$ 227,881</u>

ALASKA TEACHERS' RETIREMENTS SYSTEMS

SCHEDULE OF INVESTMENTS HELD AT

JUNE 30, 1983

(IN THOUSANDS)

(CONTINUED)

OTHER BONDS, NOTES AND DEBENTURES	Interest Rate	Maturity Date	Par Value	Cost	Market Val
Pacific Gas and Electric	9.500	06-01-85	\$ 1,250	\$ 1,244	\$ 1,220
American Express	10.750	11-01-85	2,000	2,000	1,991
Glendale Federal Savings and Loan	9.350	07-01-89	1,000	1,000	929
Diamond Shamrock	9.000	04-01-99	1,000	1,020	759
Pfizer, Inc.	8.500	04-15-99	500	470	392
General Motors Acceptance Corporation	8.750	02-01-00	1,500	1,594	1,176
Pfizer, Inc.	9.250	08-15-00	1,000	995	822
Exxon Corporation	8.250	03-01-01	1,000	1,027	789
Mobil Corporation	8.500	06-15-01	1,000	1,010	765
Citicorp	11.050	05-01-04	1,500	1,500	1,408
Texas Electric Service Company	8.875	06-01-05	1,000	1,013	797
Sears Roebuck Company	8.000	04-01-06	1,000	989	715
Standard Oil of Indiana	7.875	08-01-07	1,000	979	711
American Hospital and Supply Co.	7.875	08-15-07	1,500	1,495	1,089
Duke Power Company	8.125	09-01-07	1,000	969	730
Province of Ontario	8.375	09-15-07	1,500	1,500	1,121
Central Power and Light	8.250	10-01-07	1,500	1,485	1,093
Aetna Life and Casualty Co.	8.125	10-15-07	1,000	991	744
Michigan Bell Telephone Co.	9.600	10-01-08	1,000	1,122	800
South Central Bell Tele- phone Co.	8.250	11-01-15	1,000	1,000	709
Mountain States Telephone and Telegraph Co.	8.000	09-15-17	1,500	1,491	1,007
Pacific Northwest Bell Tele- phone Co.	8.750	08-01-18	1,000	1,000	729
Amortization of Premium			(30)		
Total Other Bonds, Notes and Debentures			\$ 25,750	\$ 25,864	\$ 20,496

ALASKA TEACHERS' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENTS HELD AT

JUNE 30, 1983

(IN THOUSANDS)

(CONTINUED)

<u>Common Stock</u>	<u>Shares</u>	<u>Cost</u>	<u>Market</u>
Ahmanson HF and Co.	36,000	\$ 1,106	\$ 1,134
Avco Corporation	50,000	1,730	1,763
Avnet Inc.	28,000	1,182	1,197
Boeing Company	31,000	866	1,418
Coca Cola	25,000	1,278	1,247
Dayton Hudson	15,900	617	1,189
Deere	26,000	1,012	890
Delta Airlines	10,000	475	425
Walt Disney	10,000	667	745
E. Systems	38,600	747	1,583
Emery Air Freight	62,000	1,015	1,325
Federal National Management Association	105,000	2,004	2,625
Financial Corporation America	75,950	1,090	2,972
First Charter Financial	29,000	857	837
General Electric	20,200	1,059	1,111
General Motors Corporation	20,000	1,180	1,455
Genstar Corporation	26,000	696	722
Hewlett Packard Co.	12,800	1,007	1,165
IBM	14,600	1,452	1,756
K-Mart Corporation	35,000	804	1,221
Kemper Corporation	51		2
Levi-Strauss	21,600	702	1,156
Levitz Furniture	19,300	448	1,660
Lousiana Pacific	20,900	451	692
Lowe's Co., Inc.	100,333	991	3,010
MCA Inc.	27,000	1,125	1,066
Merrill Lynch	22,000	1,168	1,163
Motorola, Inc.	12,000	823	1,626
NCR Group	14,000	716	1,645
National Medical Care	74,000	1,132	1,360
Northern Telecom Ltd.	51,000	978	1,938
Northrop Corporation	14,000	950	1,258
Northwest Airlines	35,000	1,729	1,794
Philbro Salomon Inc.	80,000	1,484	6,070
Ponderosa Inc.	41,800	603	956
Sears Roebuck and Co.	32,000	610	1,324
Syntex Corporation	20,000	1,142	1,125
Texas Air Corporation	132,200	1,346	1,438
Texas Instruments	6,300	639	750
U.S. Air Group	30,400	1,115	1,163
Varian Associates, Inc.	32,600	677	2,005

ALASKA TEACHERS' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENTS HELD AT

JUNE 30, 1983

(IN THOUSANDS)

(CONTINUED)

<u>Common Stock</u>	<u>Shares</u>	<u>Cost</u>	<u>Market</u>
Wang Lab Class B	16,500	609	660
Weyerhaeuser Co.	19,700	676	746
Xerox Corporation	26,000	1,247	1,228
AMF Inc.	20,800	345	341
Allied Corporation	9,000	376	451
Aluminum Co. of America	13,500	433	499
American Telephone and Telegram Co.	6,755	369	429
Associated Dry Goods Corp.	8,800	312	528
Atlantic Richfield Co.	9,600	372	470
Avco Corporation	16,000	454	564
Avon Products Inc.	15,600	510	532
BankAmerica Corporation	16,800	314	380
Burlington Industries Corp.	12,100	326	457
Champion International Corp.	9,000	249	228
Coca Cola Co.	7,800	270	389
Colgate-Palmolive Co.	16,000	287	370
Continental Group Inc.	12,000	334	520
Control Data Corporation	7,600	263	431
Dart and Kraft Inc.	8,400	438	552
Diamond Shamrock Corporation	9,000	218	198
Dresser Industries Inc.	19,800	390	428
Eastman Kodak Co.	7,000	515	508
Exxon Corporation	24,000	690	810
FMC Corporation	12,000	331	508
Financial Corp. of America	4,500	169	176
GTE Corporation	21,600	690	880
General Electric Company	10,400	302	572
General Motors Corporation	15,600	771	1,135
Genstar Corporation	25,800	413	716
Gulf Oil Corporation	7,800	297	283
IBM Corporation	23,000	1,509	2,766
Lincoln National Corporation	5,500	217	283
Manufacturers Hanover Corp.	8,300	260	365
McDermott International Inc.	10,800	196	240
McGraw-Edison Co.	4,500	201	196
Middle South Utilities Corp.	32,400	440	486
NL Industries Inc.	12,600	285	225
Natomas Co.	8,000	140	194
Northwest Airlines Inc.	4,800	139	246
Pacific Gas and Electric Co.	15,600	383	460
J.C. Penney Co.	6,700	277	399

ALASKA TEACHERS' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENTS HELD AT

JUNE 30, 1983

(IN THOUSANDS)

(CONTINUED)

<u>Common Stock</u>	<u>Shares</u>	<u>Cost</u>	<u>Market</u>
Phillips Petroleum Company	13,200	413	465
Polaroid Corporation	9,000	269	277
Quaker State Oil Refining Corp.	9,000	175	171
RCA Corporation	9,000	248	260
Research Cottrell Inc.	9,000	180	167
Schlumberger Ltd.	10,800	448	583
Sears Roebuck and Company	10,700	226	443
Sperry Corporation	9,000	336	370
Square D. Company	8,400	221	296
Sterling Drug Inc.	12,000	259	318
Syntex Corporation	7,200	287	405
Texaco Inc.	9,600	284	334
Textron Inc.	11,500	303	368
Transamerica Corporation	19,200	403	538
Travelers Corporation	13,000	286	388
Wells Fargo and Company	4,500	144	168
White Consolidated Industries	11,000	381	461
Xerox Corporation	10,000	337	473
Total Common Stock		\$ <u>61,890</u>	\$ <u>88,315</u>

ALASKA TEACHERS' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENTS HELD AT

JUNE 30, 1983

(IN THOUSANDS)

(CONTINUED)

	<u>Shares</u>	<u>Cost</u>	<u>Market</u>
<u>Convertible Issues</u>			
Dreyfus DV Debentures		\$ 1,300	\$ 1,300
SCOA Industries Inc.			
CV Sub 10% Sep. 1, 2007 F/R	2,000	244	285
United Technologies Corp.			
\$2.55 CV Pfd.	8,000	226	281
Total Convertible Issues		\$ <u>1,770</u>	\$ <u>1,866</u>
<u>Real Estate Equity Fund</u>			
Aetna Life and Casualty		\$ 8,724	\$ 9,423
Equitable Life Insurance Co.		6,833	7,331
John Hancock Life Insurance Co.		7,664	7,965
Prudential Life Insurance Co.		4,703	4,873
Total Real Estate Equity Fund		\$ <u>27,924</u>	\$ <u>29,592</u>
<u>Gold Committed on Futures Contracts</u>			
Total Gold		\$ <u>20,905</u>	\$ <u>14,181</u>

ALASKA TEACHERS' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENTS HELD AT

JUNE 30, 1983

(IN THOUSANDS)

(CONTINUED)

<u>Real Estate Mortgages and SBA Loans</u>	<u>Interest Rate Range</u>	<u>Outstanding Balance</u>	<u>Weighted Average Yield</u>
<u>FHA Mortgages Serviced By</u>			
Alaska Mutual Bank	6.00 - 8.50	\$ 555	7.53
Alaska National Bank	5.75	22	5.43
Alaska Statebank	5.25 - 8.50	637	7.01
First National Bank of Anchorage	5.25 - 8.50	1,510	8.15
First Bank	5.25	21	5.12
National Bank of Alaska	5.25 - 8.00	1,307	7.23
Peoples Bank & Trust	7.50	25	7.50
Rainier Mortgage Company	5.25 - 8.50	514	7.76
Total FHA Mortgages		<u>4,591</u>	
<u>SBA Loans Serviced By</u>			
B.M. Behrends Bank	10.00	107	9.50
National Bank of Alaska	8.00 - 10.50	<u>1,517</u>	8.21
Total SBA Loans		<u>1,624</u>	

ALASKA TEACHERS' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENTS HELD AT

JUNE 30, 1983

(IN THOUSANDS)

(CONTINUED)

Real Estate Mortgages and SBA Loans	Interest Rate Range	Outstanding Balance	Weighted Average Yield
<u>Conventional/Residential</u>			
<u>Mortgages Serviced By</u>			
Alaska Bank of Commerce	9.50 - 17.50	23,275	11.00
Alaska Federal Savings & Loan	10.50	933	10.44
Alaska First Mortgage Co.	10.00 - 13.00	3,485	11.23
Alaska Mutual Bank	9.25 - 17.25	17,424	12.08
Alaska National Bank	10.50 - 14.00	2,706	11.36
Alaska Pacific Bank	11.25	73	10.94
Alaska Statebank	11.00	37	10.69
Alaska USA Federal Credit Union	10.125 - 11.00	1,578	10.47
Arctic First Federal Savings & Loan	10.50 - 10.75	1,004	10.23
B.M. Behrends	9.50 - 16.75	5,701	13.71
First National Bank of Anchorage	10.75	977	10.65
General Electric Mortgage Co.	10.625	375	10.56
Home Savings & Loan	10.25	508	10.19
Kissell Mortgage Company	8.00 - 17.00	22,727	14.11
Mt. McKinley Mutual Bank	9.25 - 14.875	3,655	10.73
National Bank of Alaska	9.25 - 17.50	29,056	11.23
Peoples Bank & Trust	9.50 - 16.75	7,601	11.74
Peoples Mortgage Company	10.25 - 10.50	782	10.22
United Bank of Alaska	9.375 - 16.75	16,149	11.63
Verex Corporation	13.50 - 17.75	25,581	14.50
Total Conventional/Residential Mortgages		<u>163,627</u>	
Total Real Estate Mortgages and SBA Loans		\$ <u><u>169,842</u></u>	